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ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,

AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN

LANDSCAPE-GARDENING;

PRECEDED BY A HISTORICAL AND GEOGRAPHICAL OUTLINE
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES
THROUGHOUT THE WORLD.

BY J. C. LOUDON, F.L. & H.S. &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE.

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;
AND FOUR OF OCTAVO AND QUARTO PLATES.

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VOL. VII.

THE PLATES FROM *BIGNONIA'CEÆ* TO *CORYLA'CEÆ*.

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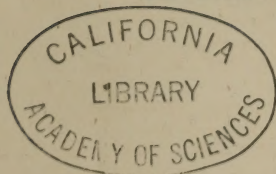
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| 226. | <i>M. a.</i> , full-grown tree, 4to.                                             |           | 257. | <i>Pterocarya caucásica</i> - -                        | III. 1451 |      |
| 223. | <i>M. nigra</i> (the Mulberry)                                                   | III. 1343 | 309. | <i>Quercus álba</i> - - -                              | III. 1864 |      |
| 224. | <i>M. n.</i> , full-grown tree.                                                  |           | 307. | <i>Q. Ægilops</i> - - -                                | III. 1861 |      |
| 227. | <i>M. (pennsylvánica) rubra</i>                                                  | III. 1359 | 308. | <i>Q. Æ.</i> , full-grown tree.                        |           |      |
|      | Mulberry. See <i>Morus</i> .                                                     |           | 298. | <i>Q. Cérris</i> - - -                                 | III. 1846 |      |
|      | Nettle Tree. See <i>Céltis</i> .                                                 |           | 299. | <i>Q. C.</i> , full-grown tree, 4to.                   |           |      |
| 220. | <i>Nýssa biflóra</i> (the Tu-<br>pelo Tree), full-grown<br>tree - - - }          | III. 1317 | 300. | <i>Q. C.</i> , winter tree, 4to.                       |           |      |
|      | Oak. See <i>Quercus</i> .                                                        |           | 301. | <i>Q. C.</i> , austriaca - - -                         | III. 1848 |      |
|      | Oak, American White.<br>See <i>Q. álba</i> .                                     |           | 302. | <i>Q. C. fulhaménsis</i> (den-<br>tata) - - - }        | III. 1850 |      |
|      | Bitter. See <i>Q. Cérris</i> .                                                   |           | 303. | <i>Q. C. f.</i> , full-grown tree, 4to.                |           |      |
|      | British, or common.<br>See <i>Q. pedunculata</i><br>and <i>Q. sessiliflóra</i> . |           | 304. | <i>Q. C. f.</i> , winter tree, 4to.                    |           |      |
|      | Fulham. See <i>Q. C.</i><br><i>fulhaménsis</i> .                                 |           | 305. | <i>Q. C. Lucombeana</i> - - -                          | III. 1857 |      |
|      | Italian. See <i>Q. E'sculus</i> .                                                |           | 306. | <i>Q. C. L.</i> , winter tree.                         |           |      |
|      | Lucombe. See <i>Q. C.</i><br><i>Lucombeana</i> .                                 |           | 297. | <i>Q. E'sculus</i> - - -                               | III. 1844 |      |
|      | Mossy-cupped. See<br><i>Q. Cérris</i> .                                          |           | 290. | <i>Q. pedunculata</i> - - -                            | III. 1731 |      |
|      | Turkey. See <i>Q. Cérris</i> .                                                   |           | 291. | <i>Q. p.</i> , full-grown tree.                        |           |      |
|      | Oleaster. See <i>Elæagnus</i> .                                                  |           | 292. | <i>Q. p.</i> , winter-tree.                            |           |      |
|      | Paper Mulberry. See<br><i>Broussonétia</i> .                                     |           | 293. | <i>Q. fastigiata</i> - - -                             | III. 1731 |      |
| 245. | <i>Plánera Richárdi</i> - - -                                                    | III. 1409 | 294. | <i>Q. sessiliflóra</i> - - -                           | III. 1736 |      |
| 246. | <i>P. R.</i> , full-grown tree.                                                  |           | 295. | <i>Q. s.</i> , full-grown tree, 4to.                   |           |      |
|      | Poplar. See <i>Pópulus</i> .                                                     |           | 296. | <i>Q. s.</i> , winter tree.                            |           |      |
|      | Poplar, Aspen. See <i>P.</i><br><i>trémula</i> .                                 |           | 261. | <i>Salix álba</i> - - -                                | III. 1522 |      |
|      | Balsam. See <i>P. bal-</i><br><i>samifera</i> .                                  |           | 262. | <i>S. a.</i> , full-grown tree.                        |           |      |
|      | Black. See <i>P. nigra</i> .                                                     |           | 258. | <i>S. babylónica</i> (the<br>Weeping Willow) }         | III. 1507 |      |
|      | Black Italian. See <i>P.</i><br><i>monilífera</i> .                              |           | 259. | <i>S. b. crispa</i> - - -                              | III. 1514 |      |
|      | Lombardy. See <i>P.</i><br><i>fastigiata</i> .                                   |           | 260. | <i>S. fragilis</i> - - -                               | III. 1516 |      |
|      | Ontario. See <i>P. cán-</i><br><i>dicans</i> .                                   |           | 263. | <i>S. vitellina</i> - - -                              | III. 1528 |      |
| 264. | <i>Pópulus álba</i> (the Abele<br>Tree) - - - }                                  | III. 1638 |      | Sassafras. See <i>Laúrus</i><br><i>Sássafras</i> .     |           |      |
| 276. | <i>P. angulata</i> - - -                                                         | III. 1670 |      | Sea Buckthorn. See <i>Hip-</i><br><i>póphæ</i> .       |           |      |
| 277. | <i>P. a.</i> , full-grown tree.                                                  |           |      | Sweet Bay. See <i>Laúrus</i><br><i>nóbilis</i> .       |           |      |
| 278. | <i>P. balsamifera</i> - - -                                                      | III. 1673 |      | Tupelo. See <i>Nýssa</i> .                             |           |      |
| 279. | <i>P. b.</i> , full-grown tree.                                                  |           | 243. | <i>Ulmus americána</i> - - -                           | III. 1406 |      |
| 280. | <i>P. cándicans</i> - - -                                                        | III. 1676 | 244. | <i>U. a. incisa</i> - - -                              | III. 1406 |      |
| 265. | <i>P. canéscens</i> - - -                                                        | III. 1639 | 230. | <i>U. campéstris</i> (the com-<br>mon Elm) - - - }     | III. 1374 |      |
| 275. | <i>P. (dilatata) fastigiata</i> - -                                              | III. 1660 | 231. | <i>U. c.</i> , full-grown tree.                        |           |      |
| 268. | <i>P. græca</i> - - -                                                            | III. 1651 | 232. | <i>U. c. stricta</i> , full-grown<br>tree, 4to - - - } | III. 1375 |      |
| 272. | <i>P. monilífera</i> - - -                                                       | III. 1657 | 233. | <i>U. c. viminalis</i> - - -                           | III. 1376 |      |
| 273. | <i>P. m.</i> , winter tree.                                                      |           | 238. | <i>U. effusa</i> - - -                                 | III. 1397 |      |
| 274. | <i>P. m.</i> , full-grown tree, 4to.                                             |           | 239. | <i>U. e.</i> , winter tree.                            |           |      |
| 269. | <i>P. nigra</i> - - -                                                            | III. 1652 | 236. | <i>U. mājor</i> - - -                                  | III. 1396 |      |
| 270. | <i>P. n.</i> , winter tree.                                                      |           | 237. | <i>U. m.</i> , full-grown tree.                        |           |      |
|      |                                                                                  |           | 240. | <i>U. montana mājor</i> - - -                          | III. 1398 |      |
|      |                                                                                  |           | 241. | <i>U. m. péndula (rubra)</i> - -                       | III. 1398 |      |
|      |                                                                                  |           | 242. | <i>U. m. fastigiata</i> - - -                          | III. 1399 |      |
|      |                                                                                  |           | 234. | <i>U. planifolia</i> - - -                             | III. 1377 |      |
|      |                                                                                  |           | 235. | <i>U. (c.) suberosa</i> - - -                          | III. 1395 |      |
|      |                                                                                  |           |      | Walnut. See <i>Juglans</i> .                           |           |      |
|      |                                                                                  |           |      | Willow. See <i>Salix</i> .                             |           |      |
|      |                                                                                  |           |      | Weeping. See <i>S. ba-</i><br><i>bylónica</i> .        |           |      |
|      |                                                                                  |           |      | Huntingdon, or white.<br>See <i>S. álba</i> .          |           |      |

*Catálpa syringæfòlia.*  
The Syringa-leaved Catalpa.



14 ft. high, 2½ in. diam.







*Catálpa syringæfòlia.*  
The Syringa-leaved Catalpa.

216



Full-grown tree at Syon ; 54 ft. high, diam. of the trunk 2 ft., and of the head 48 ft.  
[Scale 1 in. to 12 ft.]







*Láurus nóbilis.*

The noble Laurel, or the Sweet Bay tree.



12 ft. high, 3 in. diam.



m



n



+



*Laurus Sássafras.*

The Sassafras tree.

10 ft. high,  $1\frac{1}{2}$  in. diam.





*Laúrus Sássafras.*  
The Sassafras tree.



Full-grown tree at Syon ; 46 ft. high, diam. of the trunk 3 ft., and of the head 34 ft.  
[Scale 1 in. to 12 ft.]







*Nýssa biflôra.*

The two-flowered Nyssa, or *Tupelo tree*.



Full-grown tree at Thomson's Villa, Richmond ; 34 ft. high.  
[Scale 1 in. to 12 ft.]



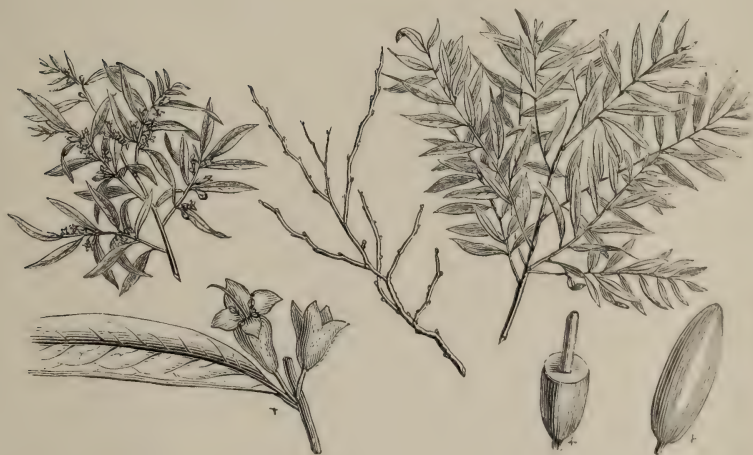


*Elæagnus orientalis.*  
The Eastern Oleaster.

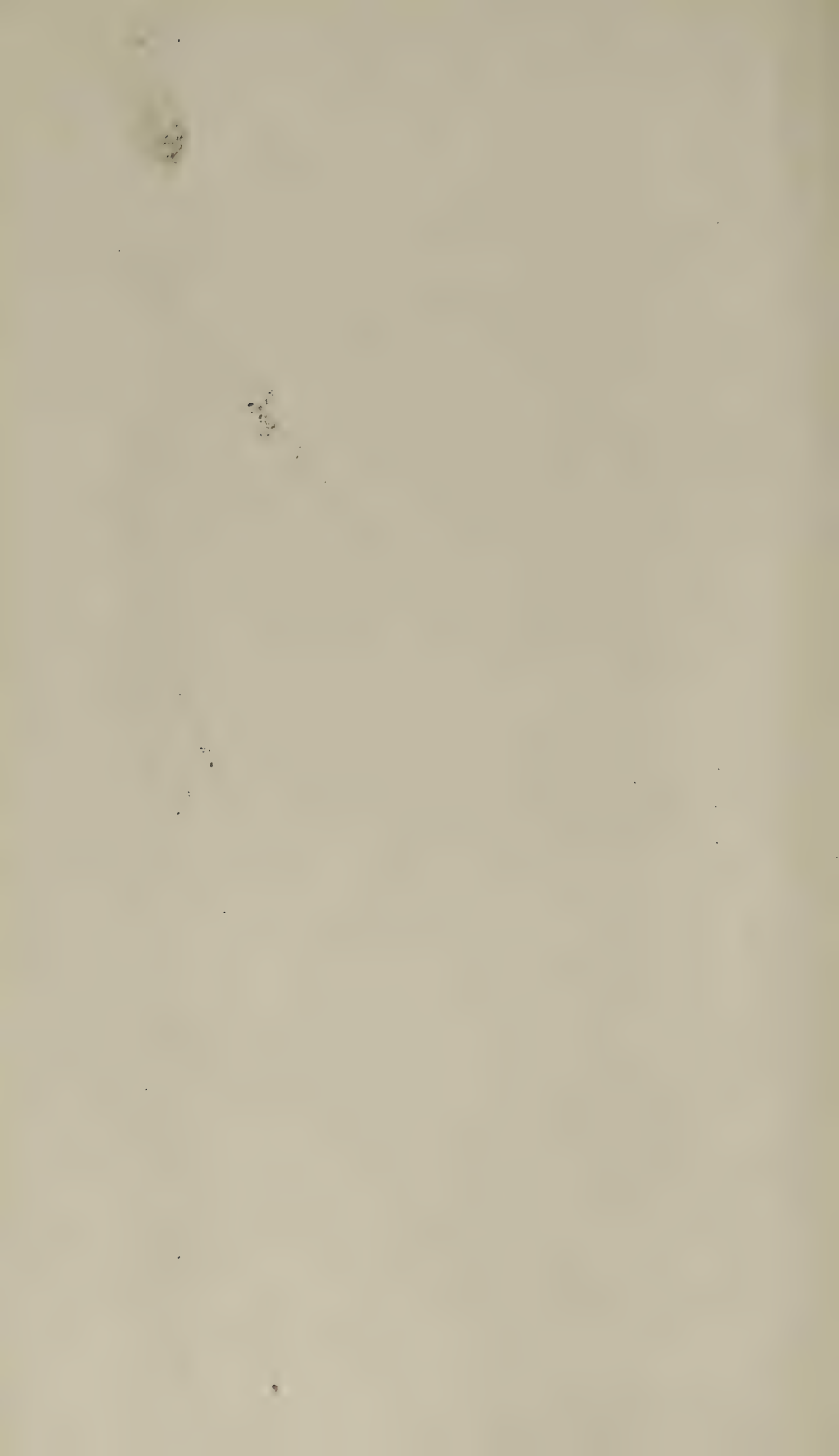
221



18 ft. high, 8 in. diam.





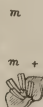


*Hippóphae Rhamnoides angustifolia.*

The narrow-leaved Rhamnus-like Sea Buckthorn.



14 ft. high, 5 in. diam.







*Morus nigra.*

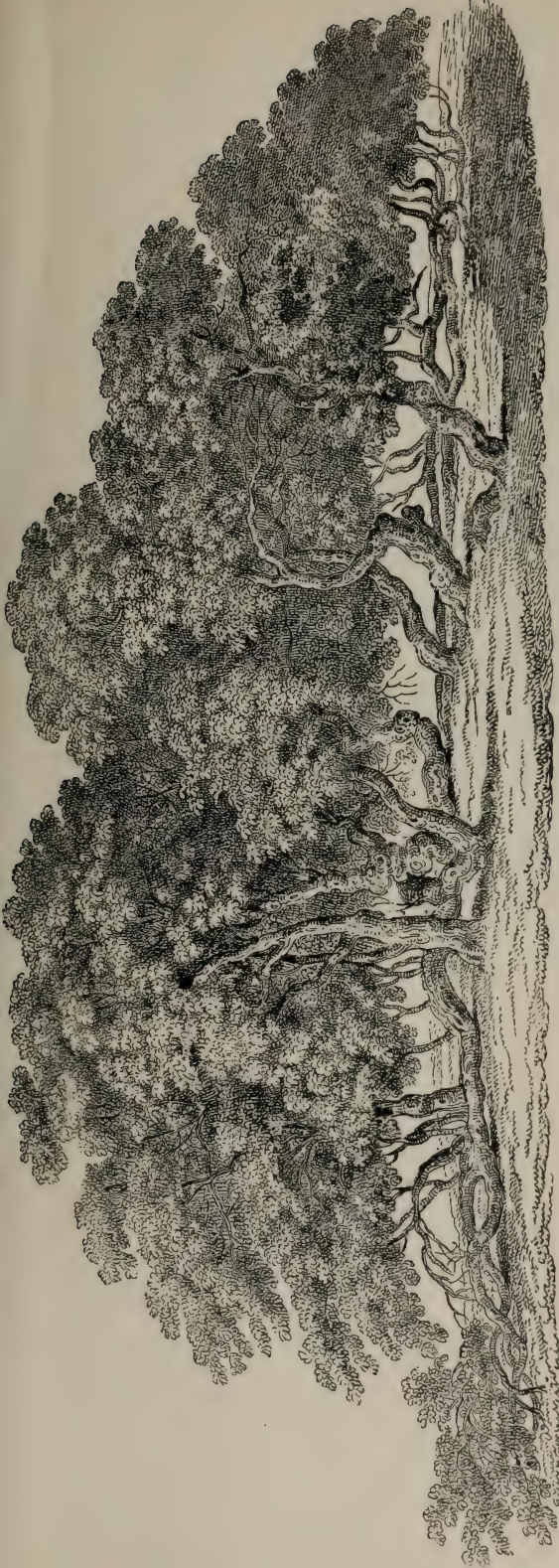
The black-fruited, or common, Mulberry tree.



11 ft. high, 3 in. diam.







Remarkable tree at Battersea, upwards of 300 years old; 26 ft. high, with above 15 stems, and covering a space 74 ft. by 60 ft.  
[Scale 1 in. to 12 ft.]



*Morus nigra*. The black,

or common, Mulberry.





*Morus álba.*

The white-fruited Mulberry.



15 ft. high, 5½ in. diam.





*Morus álba.*  
The white Mulberry.



Full-grown tree at Syon ; 48 ft. high, diam. of the head 72 ft.  
[Scale 1 in. to 12 ft.]







*Morus rubra* (syn. *pennsylvanica*).

The Pennsylvanian Mulberry tree.



13 ft. high, 3 in. diam.

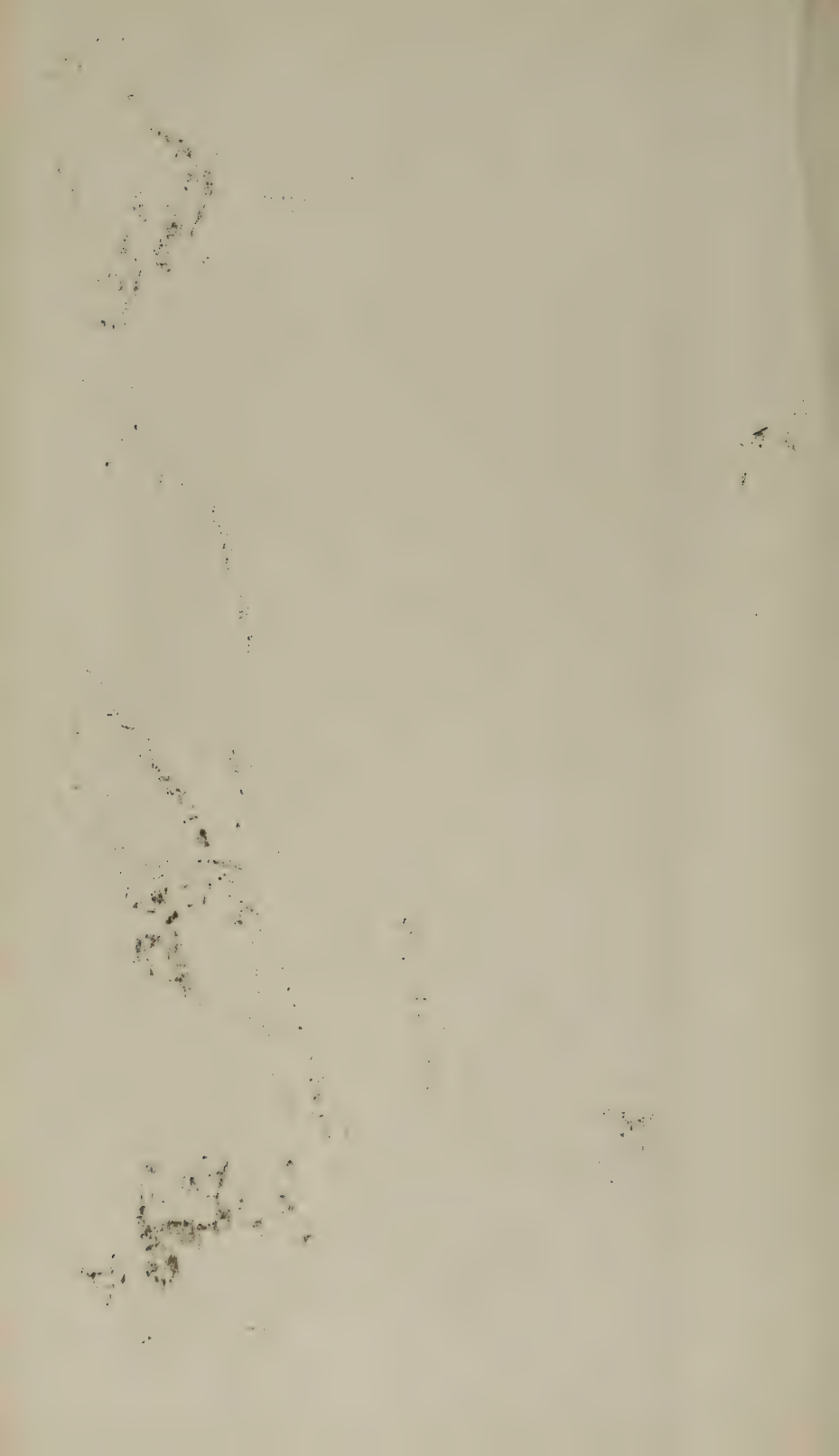






21 ft. high, 6 in. diam.







*Ficus Cárlica.*  
The *common* Fig tree.



10 ft. high, 2½ in. diam.





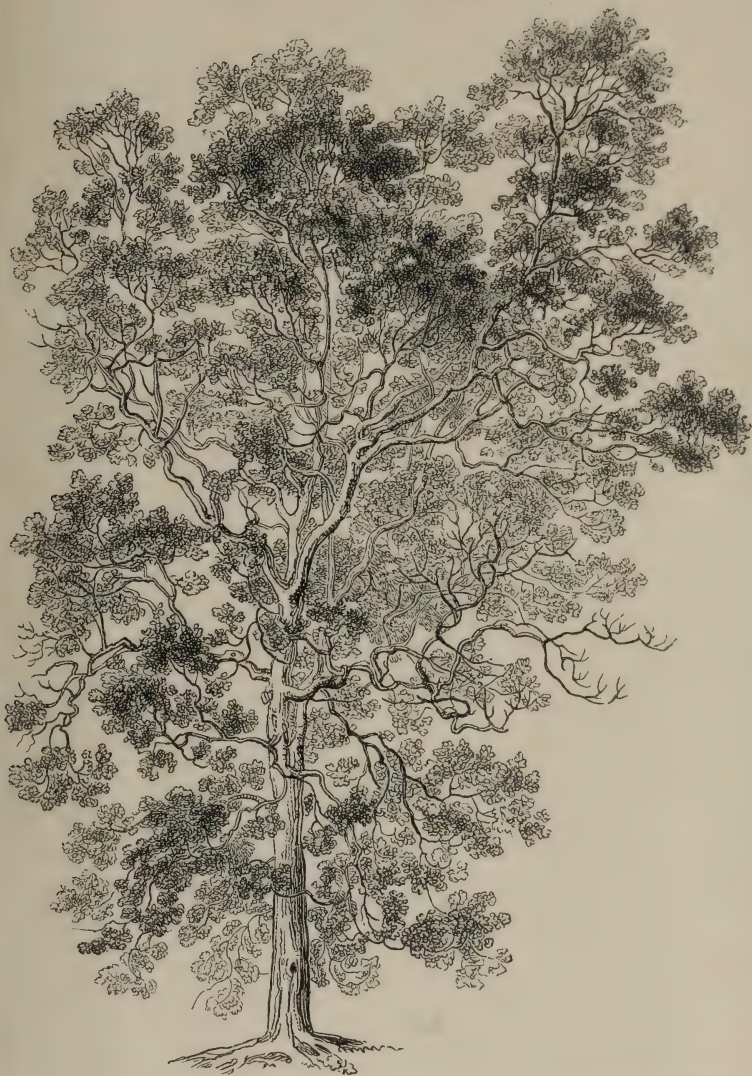






*Ulmus campestris.*

The field, or common *English*, Elm.

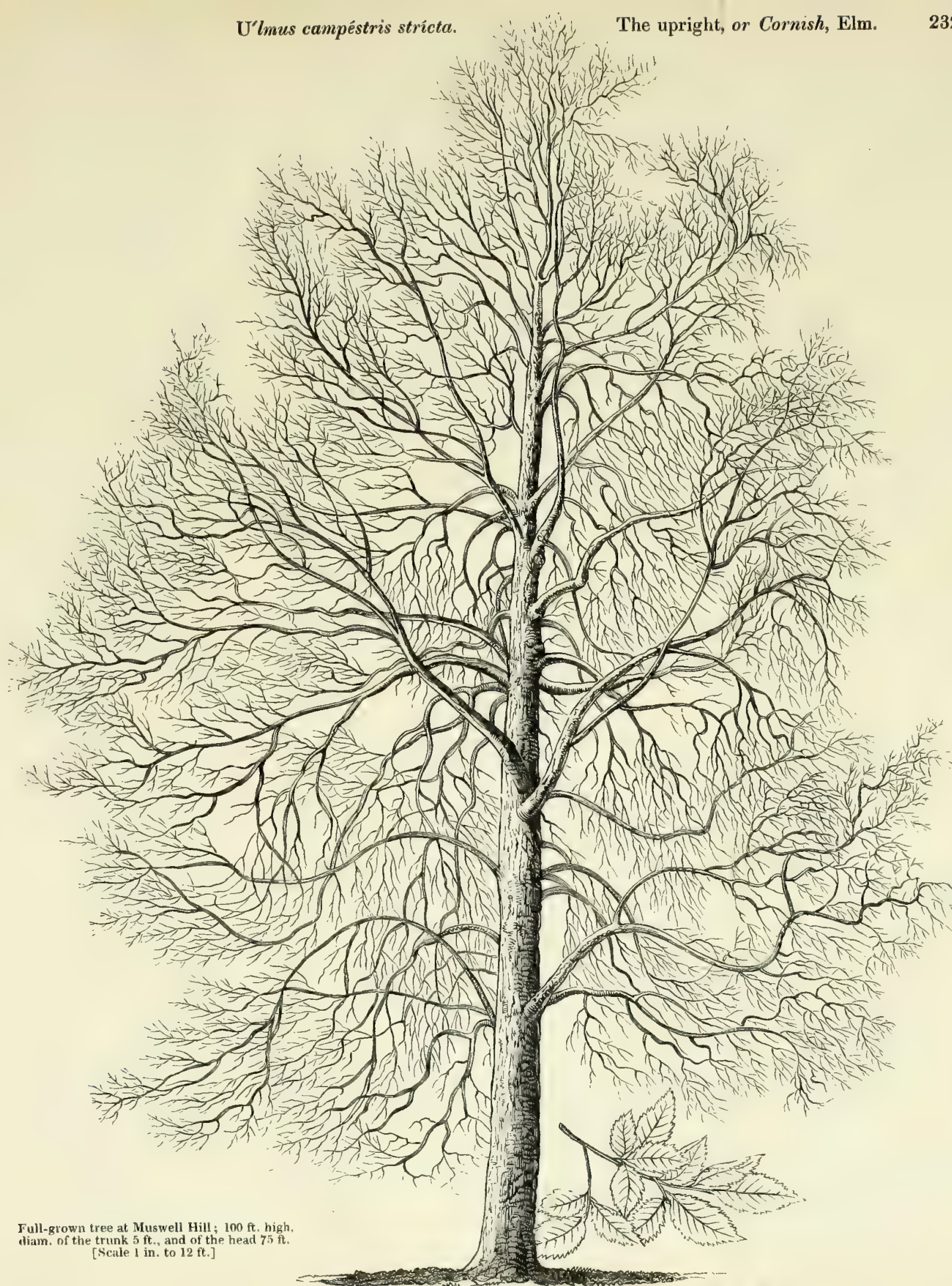


Full-grown tree in Kensington Gardens : 65 ft. high, diam. of the trunk 3 ft., and of the head 48 ft.  
[Scale 1 in. to 12 ft.]









Full-grown tree at Muswell Hill; 100 ft. high,  
diam. of the trunk 5 ft., and of the head 75 ft.  
[Scale 1 in. to 12 ft.]







25 ft. high, 5 in. diam.





*Ulmus planifolia.*  
The flat-leaved Elm.



12 ft. high, 2½ in. diam.







The cork-barked field Elm.



18 ft. high, 5 in. diam.











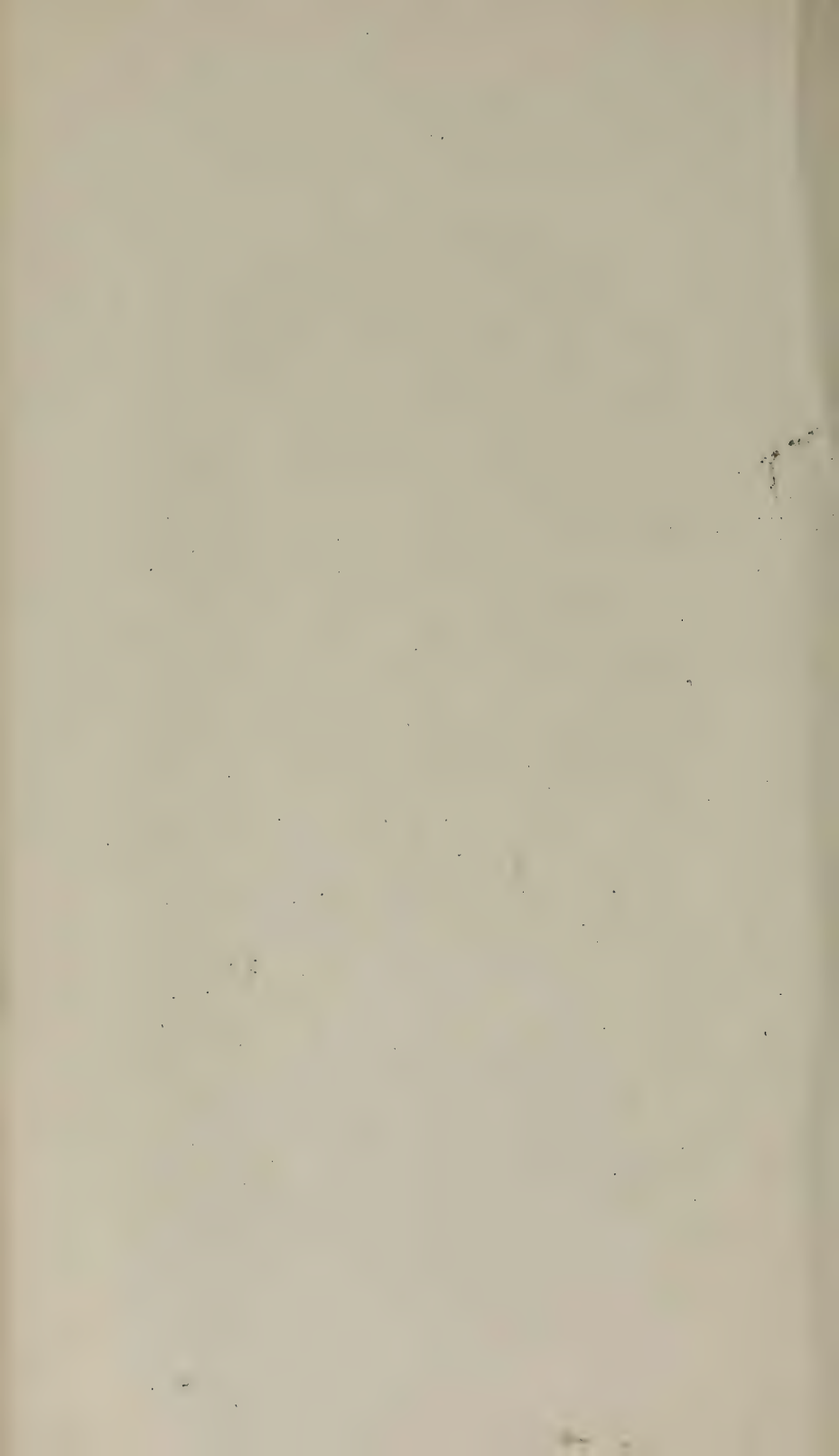
*Ulmus mājor.*

The greater, or *Dutch cork-barked*, Elm.



Full-grown tree at Studley ; 94 ft. 10 in. high, diam. of the trunk 5 ft. 6 in.  
[Scale 1 in. to 24 ft.]





The spreading-flowered Elm.



18 ft. high, 3 in. diam.







The spreading-branched Elm.

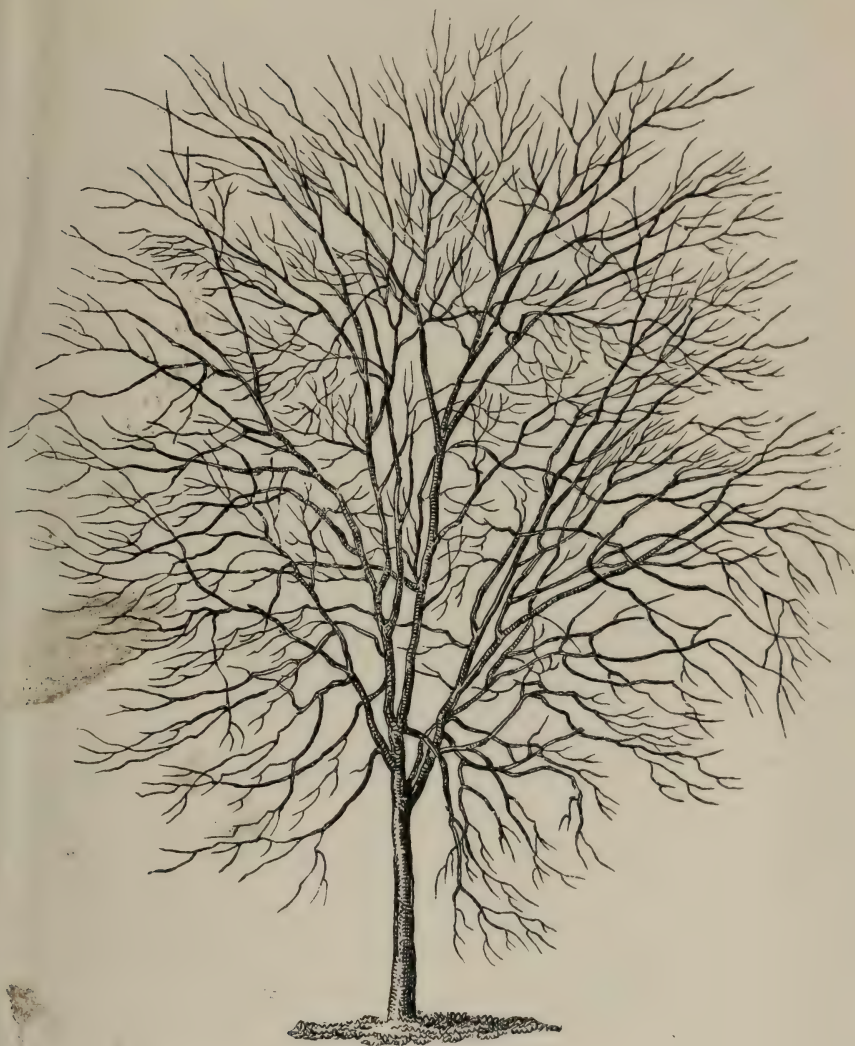


22 ft. high, 4 in. diam.





The larger mountain, *Scotch*, or *Wych*, Elm.



20 ft. high, 2½ in. diam.







The pendulous, or weeping, mountain Elm.



16 ft. high, 4 in. diam.





The fastigate mountain, or Scotch, Elm.



18 ft. high, 5 in. diam.









20 ft. high, 5 in. diam.





The cut-leaved American Elm.





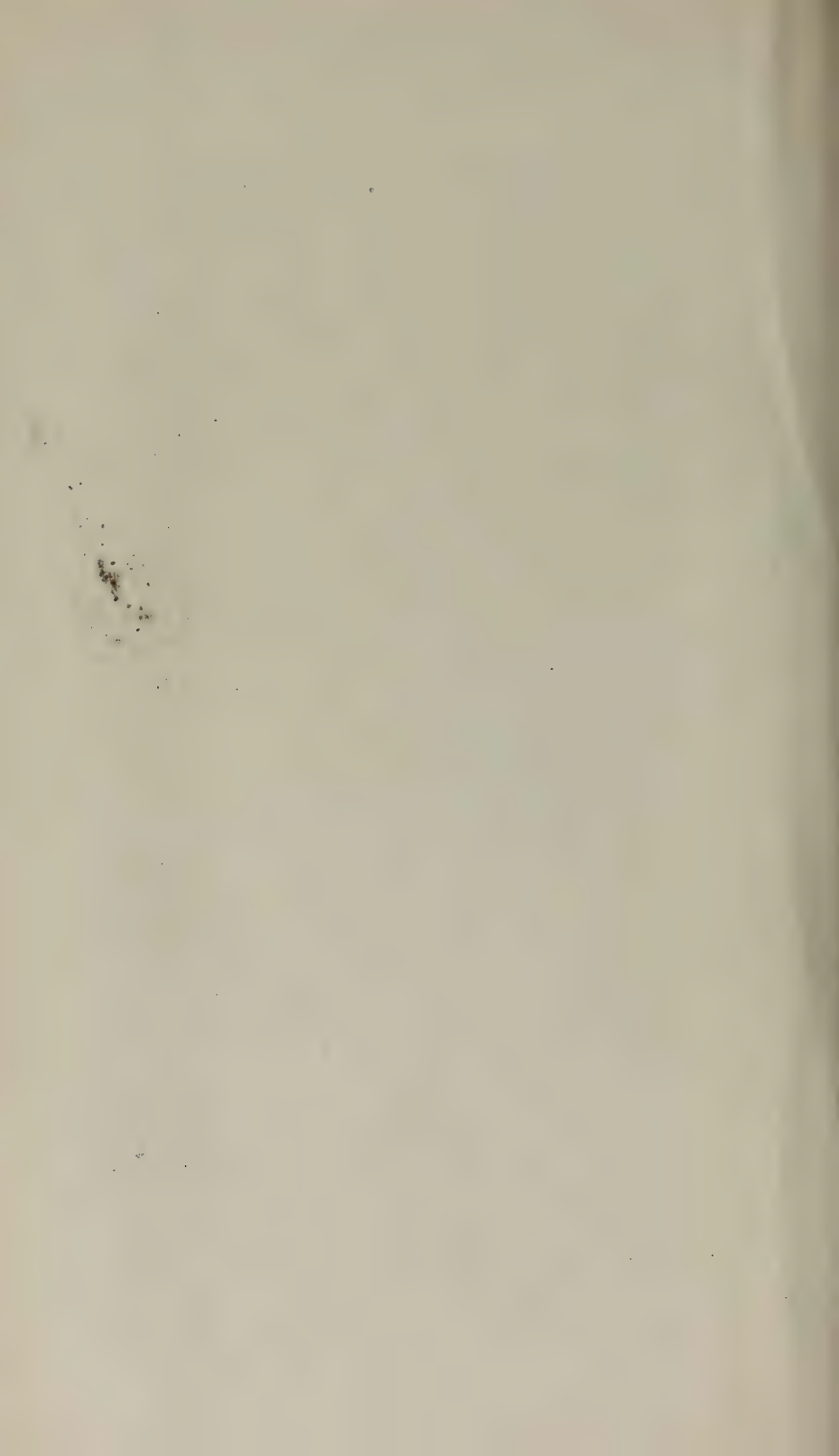


Richard's Planera, or the Zelkova tree.



21 ft. high, 6 in. diam.

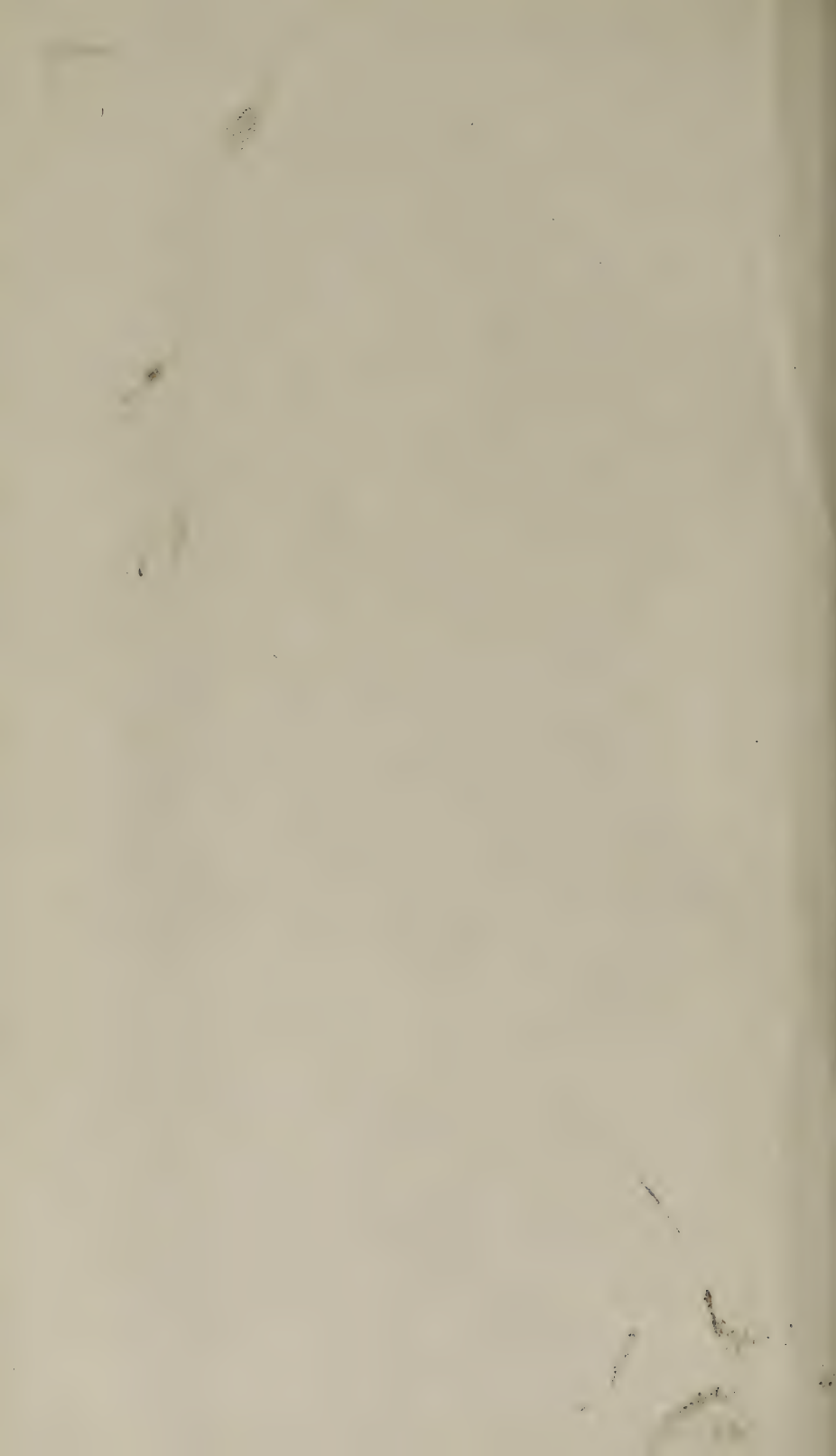






Full-grown tree at Syon ; 54 ft. high.







*Celtis Tournefortii.*

Tournefort's Celtis, or Nettle tree.



10 ft. high, 2 in. diam.





*Celtis occidentalis.*

The Western, or American, Nettle tree.



15 ft. high, 2½ in. diam.







The Western, or American, Nettle tree.



Full-grown tree at Syon ; 58 ft. high, diam. of the trunk 3 ft., and of the head 40 ft.  
[Scale 1 in. to 12 ft.]





The royal, or common, Walnut tree.



19 ft. high, 7  $\frac{1}{2}$  in. diam.

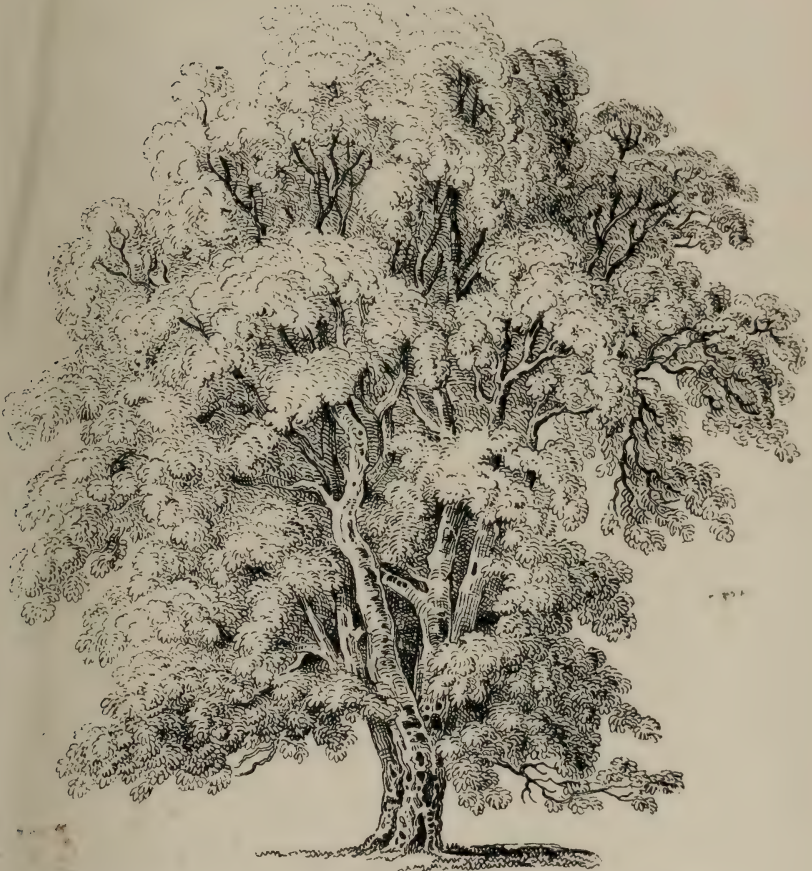






*Juglans regia.*

The royal, or common, Walnut tree.



Full-grown tree at Chiswick; 54 ft. high, diam. of the trunk  $4\frac{1}{2}$  ft., and of the head 50 ft.  
[Scale 1 in. to 12 ft.]





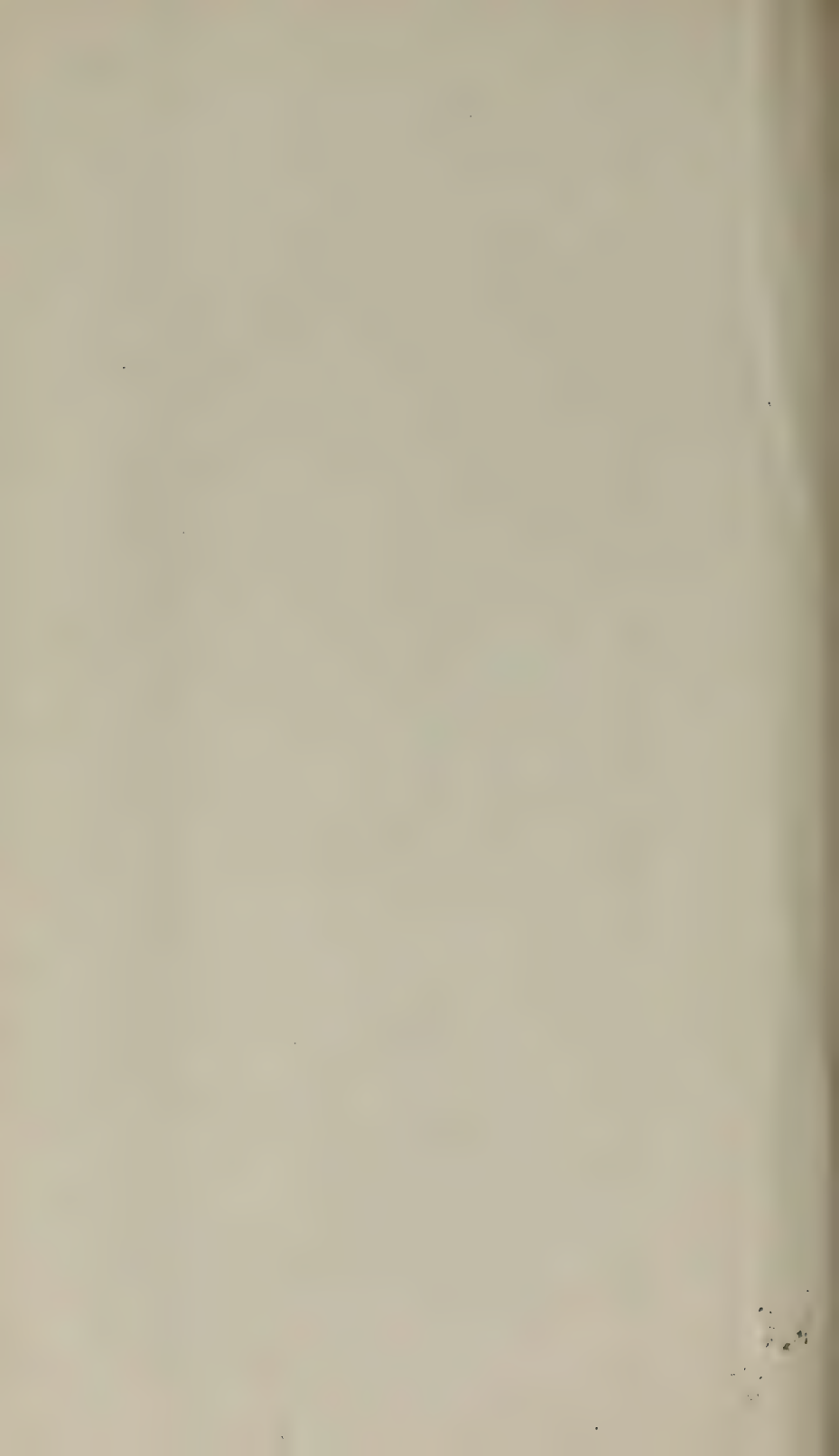
*Juglans regia.*

The common, or royal, Walnut.



Full-grown winter tree at Studley ; 82 ft. high, diam. of the head 96 ft.  
[Scale 1 in. to 24 ft.]







*Juglans nigra.*

The black Walnut tree.



15 ft. high, 6 in. diam.









Full-grown tree at Syon ; 79 ft. high, diam. of the head 59 ft.  
[Scale 1 in. to 12 ft.]





The grey-barked Walnut, or *Butter-nut*.

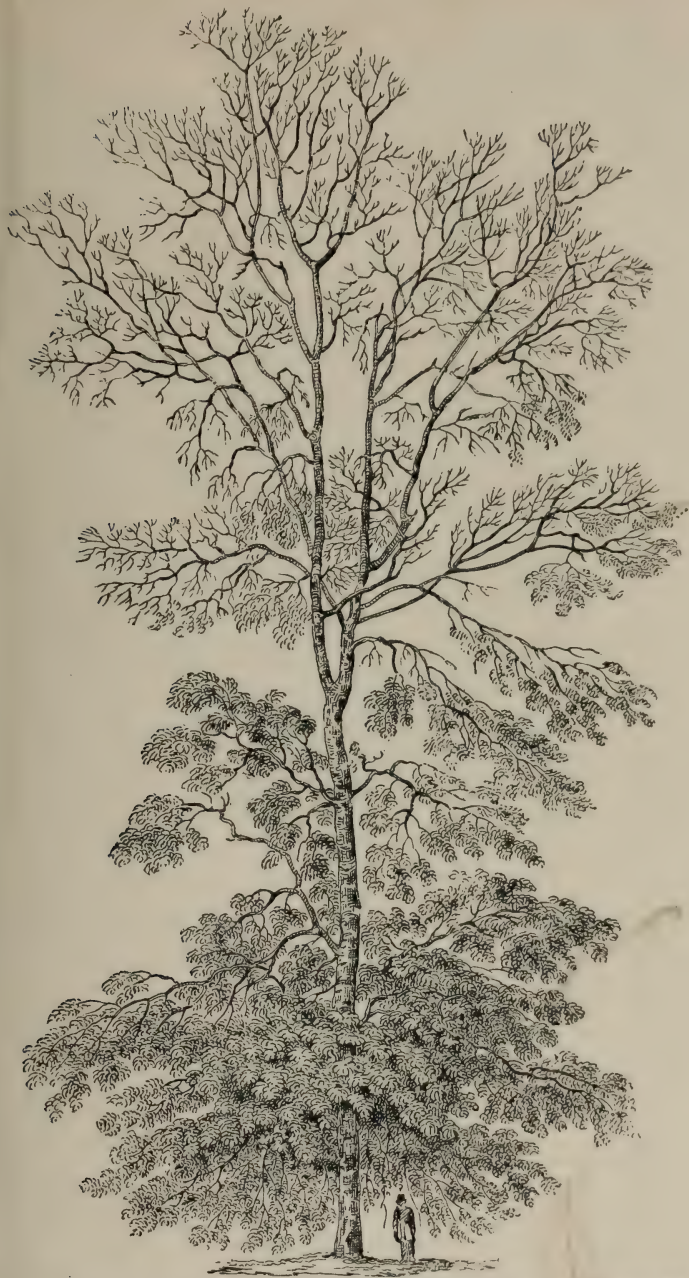


15 ft. high, 6 in. diam.

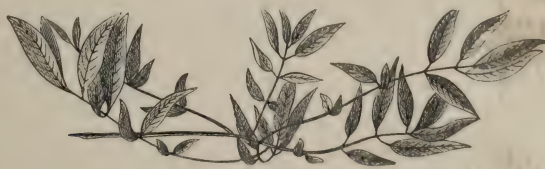








Full-grown tree at Purser's Cross ; 80 ft. high, diam. of the trunk  $2\frac{1}{2}$  ft., and of the head 45 ft.  
[Scale 1 in. to 12 ft.]





*Pterocarya caucásica.*  
The Caucasian Pterocarya.



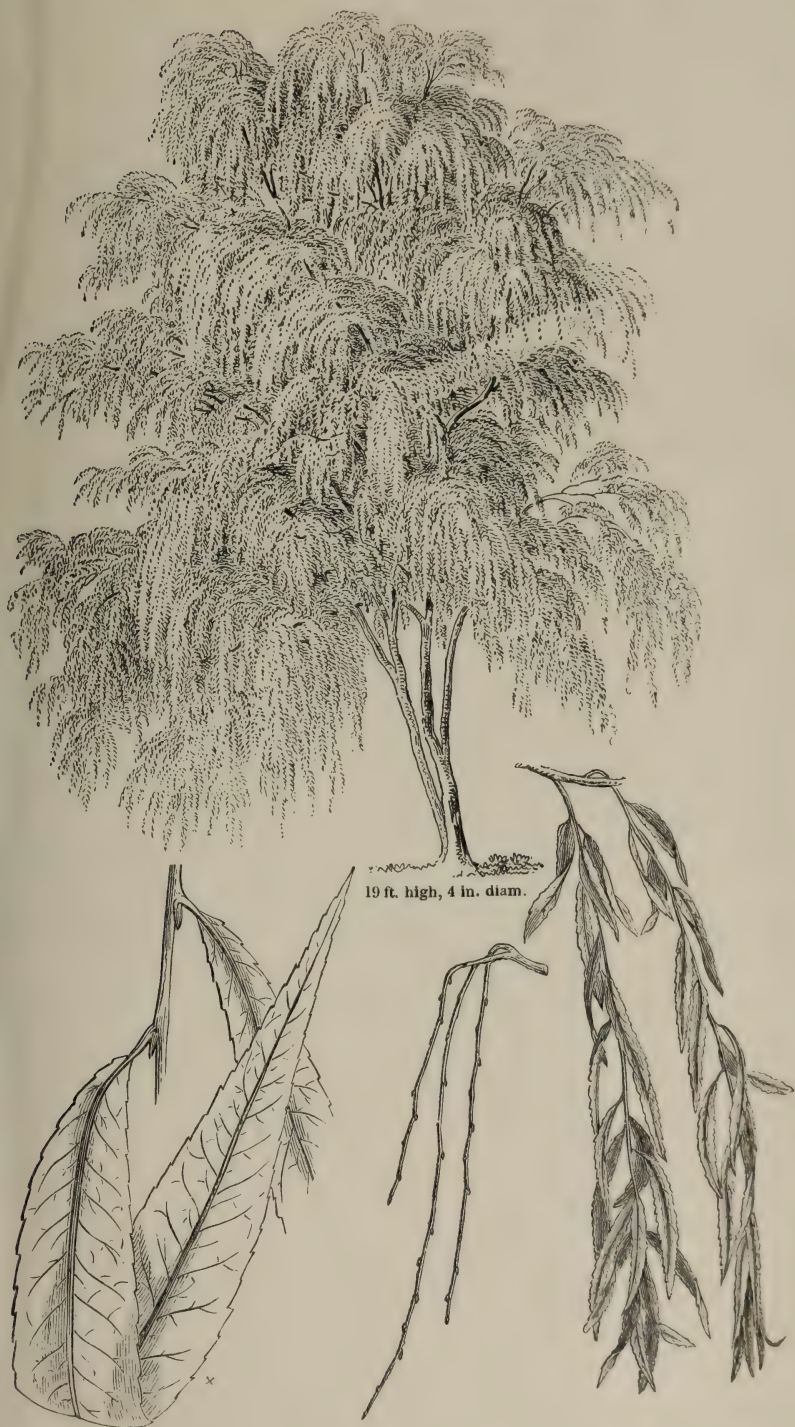
12 ft. high, the stems 2 in. diam.







The Babylonian, or Weeping, Willow.





The curled-leaved Babylonian, or Weeping, Willow.



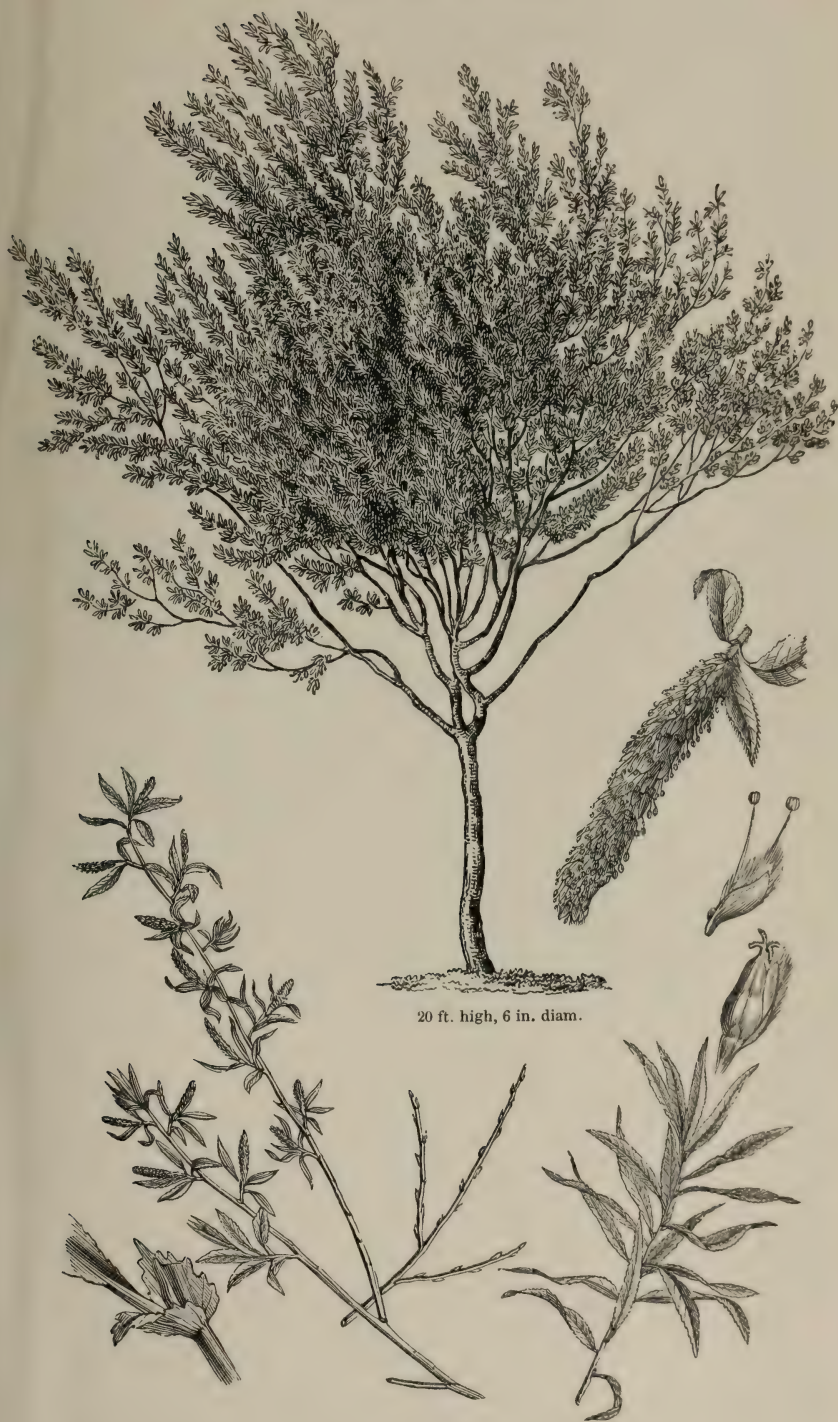
18 ft. high, 5 in. diam.







The fragile-twigged Willow.





The white-*leaved* Willow.



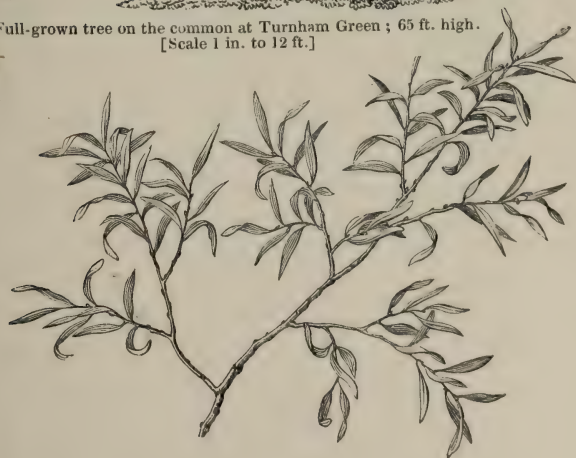
30 ft. high, 1 ft. diam.







Full-grown tree on the common at Turnham Green ; 65 ft. high.  
[Scale 1 in. to 12 ft.]





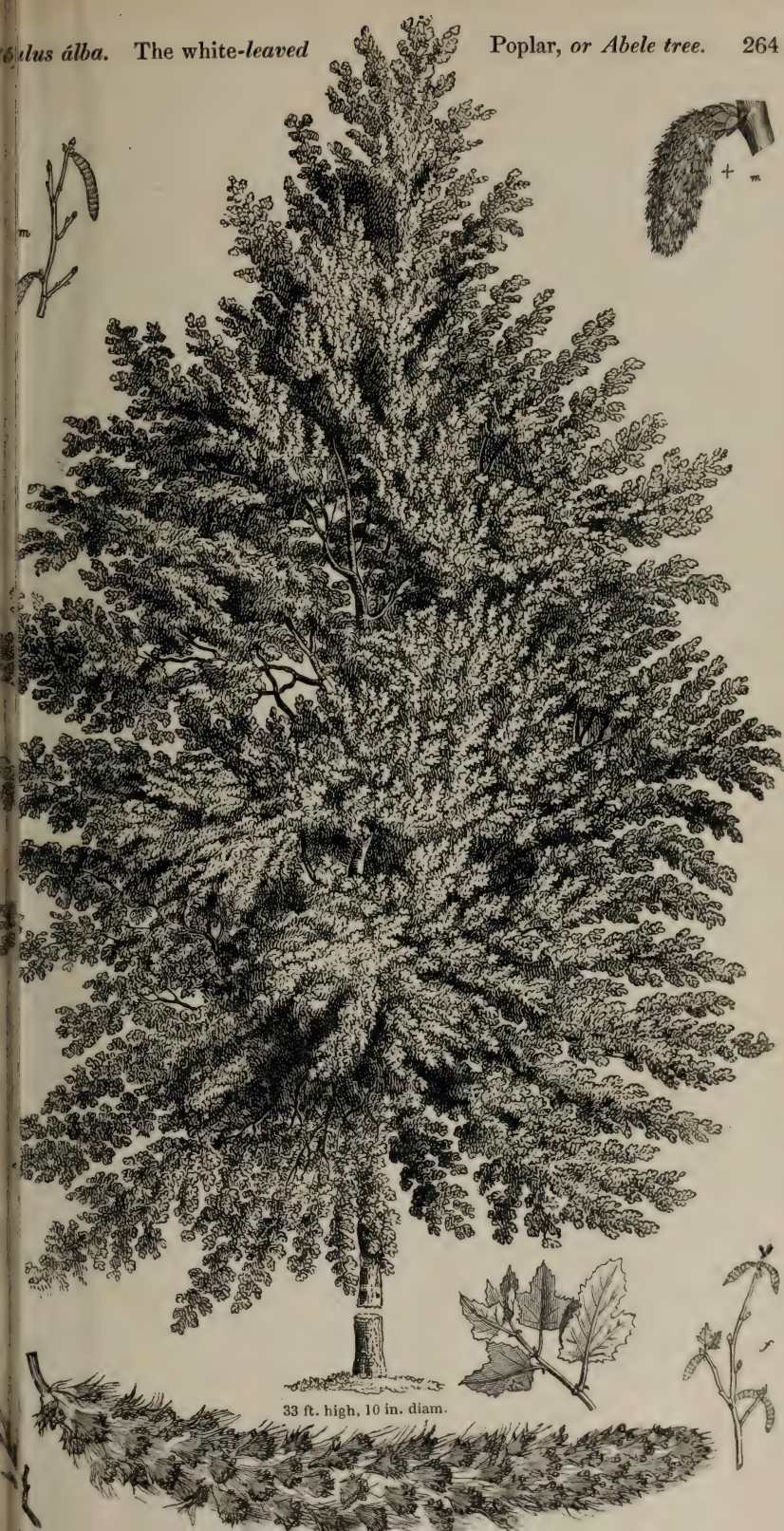


The *yellow*, or *yolk-of-egg*, *barked* Willow.















32 ft. high, 11 in. diam.



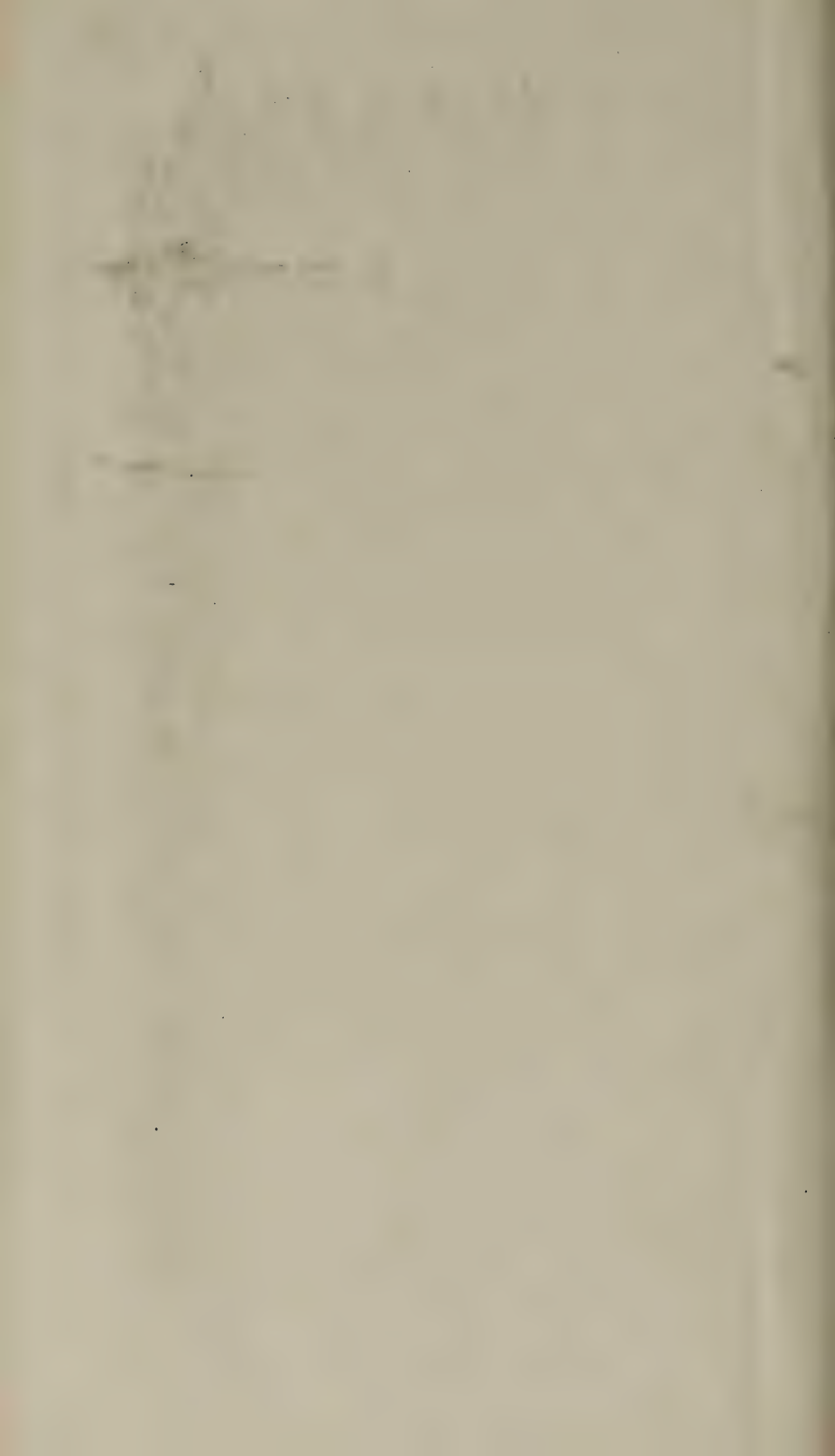


The trembling-leaved Poplar, or *British Aspen*.



24 ft. high, 7½ in. diam.





The pendulous-branched trembling-leaved Poplar.



14 ft. high, 2 in. diam.







The Greek, or Athenian, Poplar.

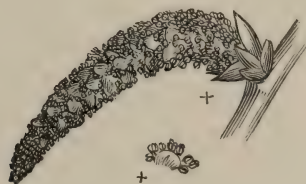


31 ft. high, 1 ft. diam.

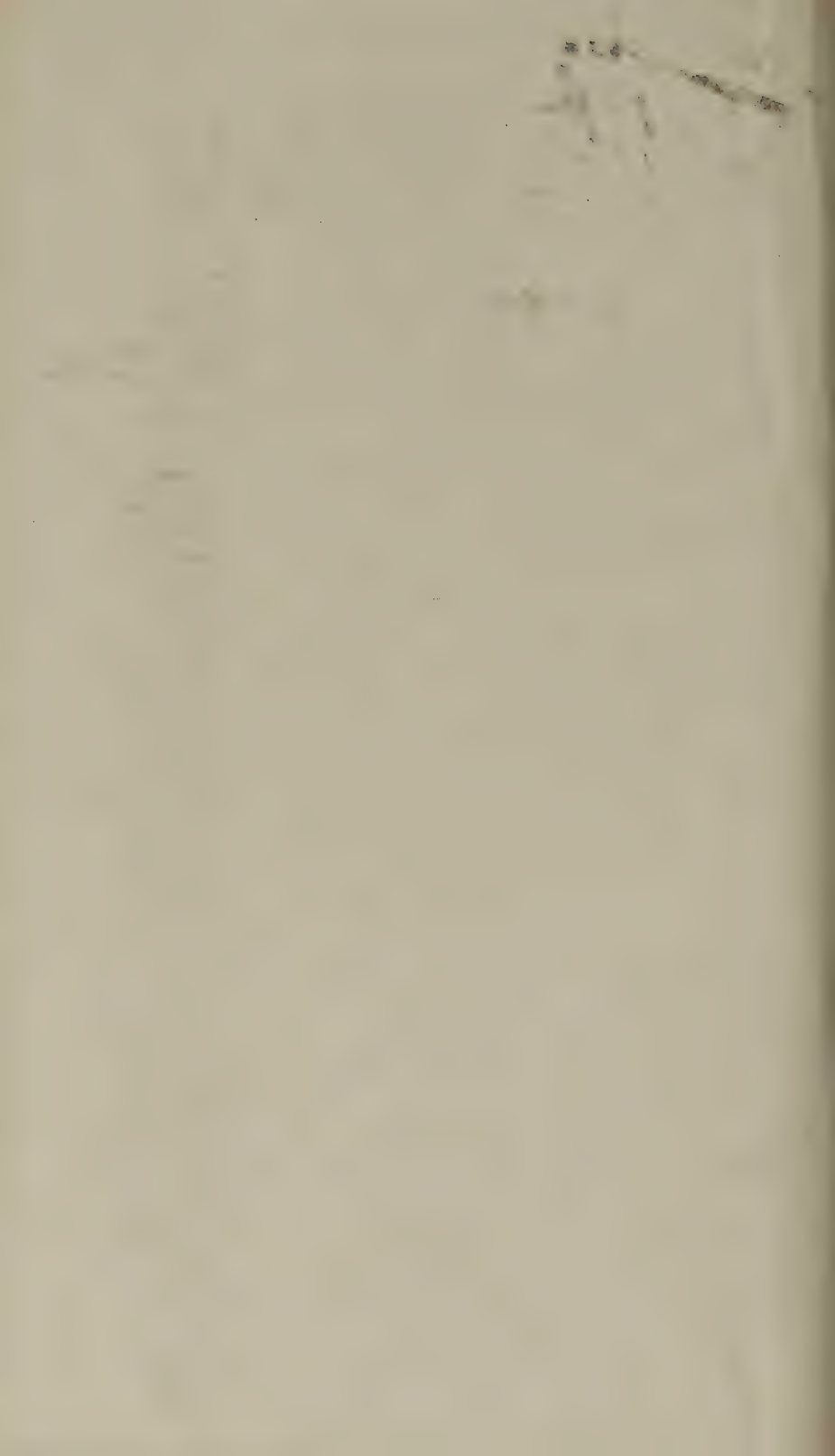


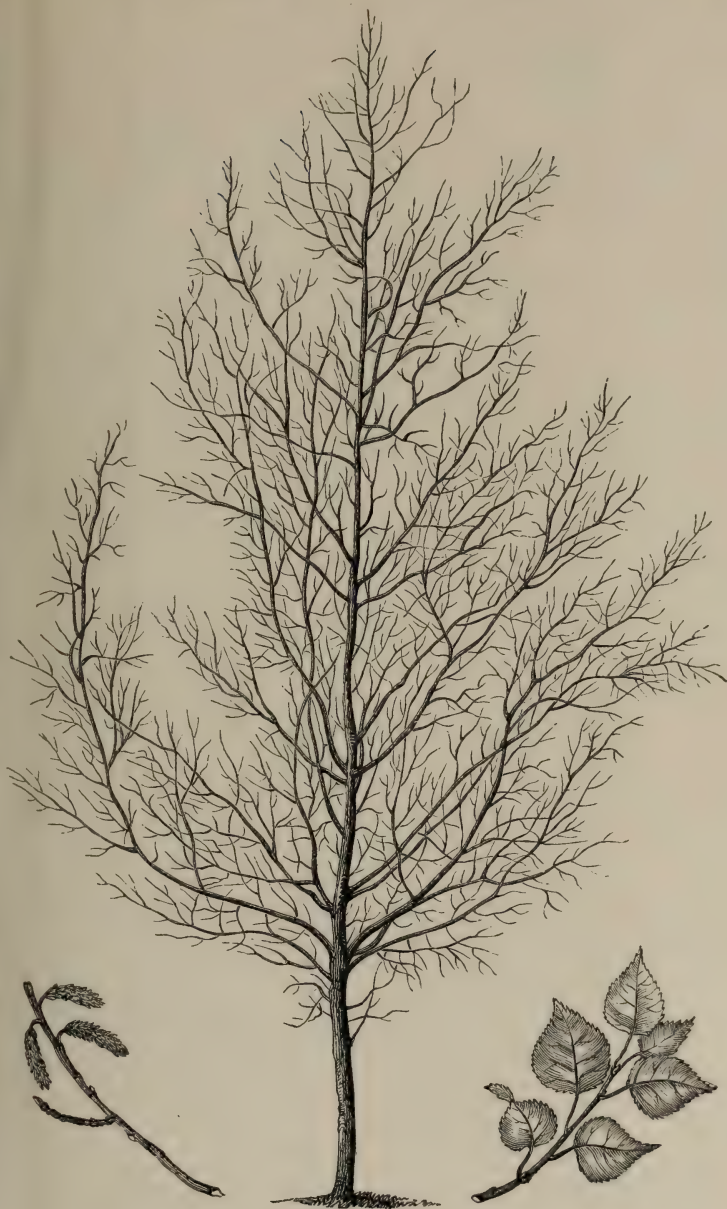


25 ft. high, 6 in. diam.







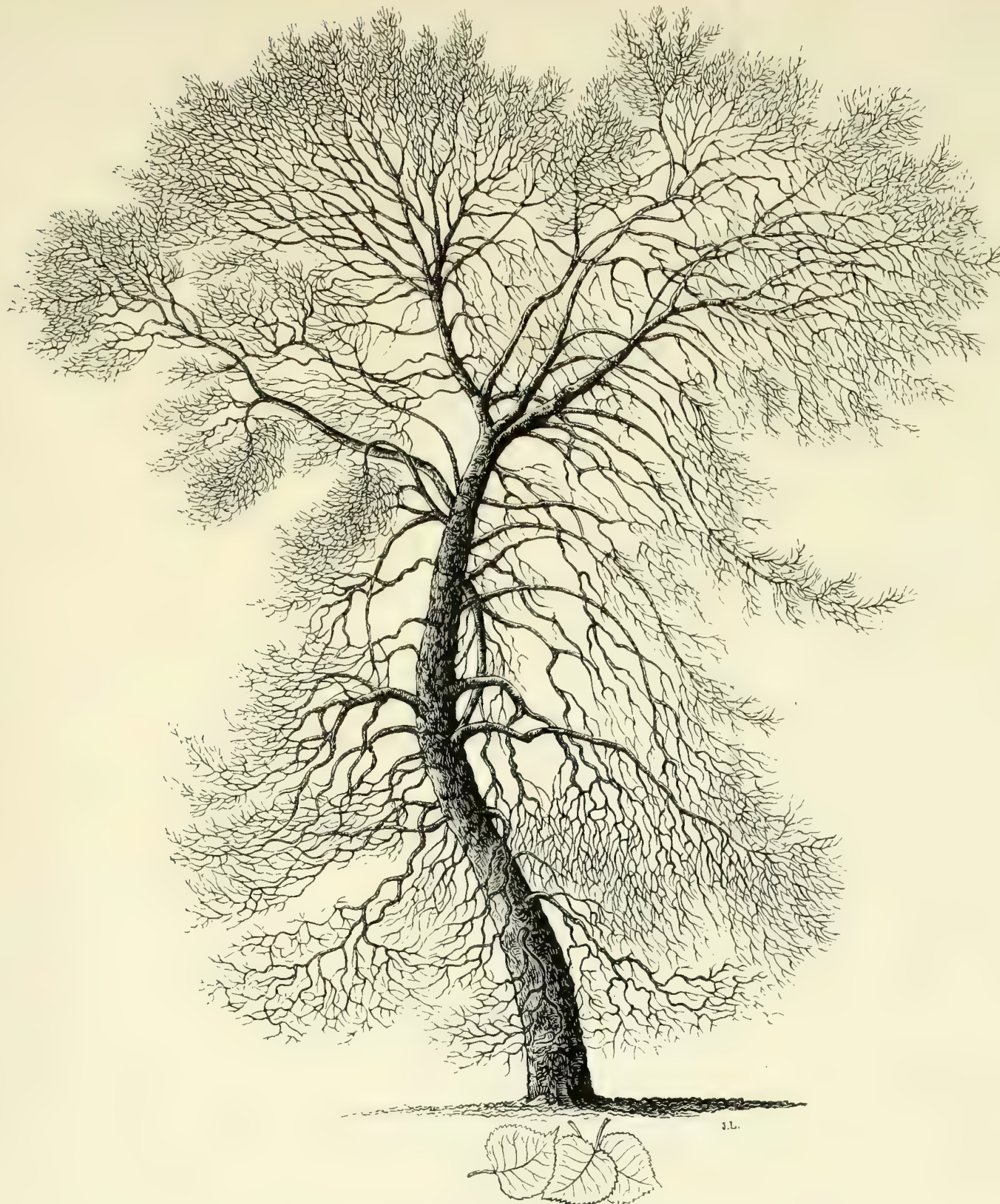


24 ft. high, 6 in. diam.



1841  
1842





Full-grown tree at Lambeth Palace ; 84 ft. high, diam. of the trunk 5 ft., and of the head 72 ft. [Scale 1 in. to 12 ft.]









34 ft. high, 1 ft. diam.



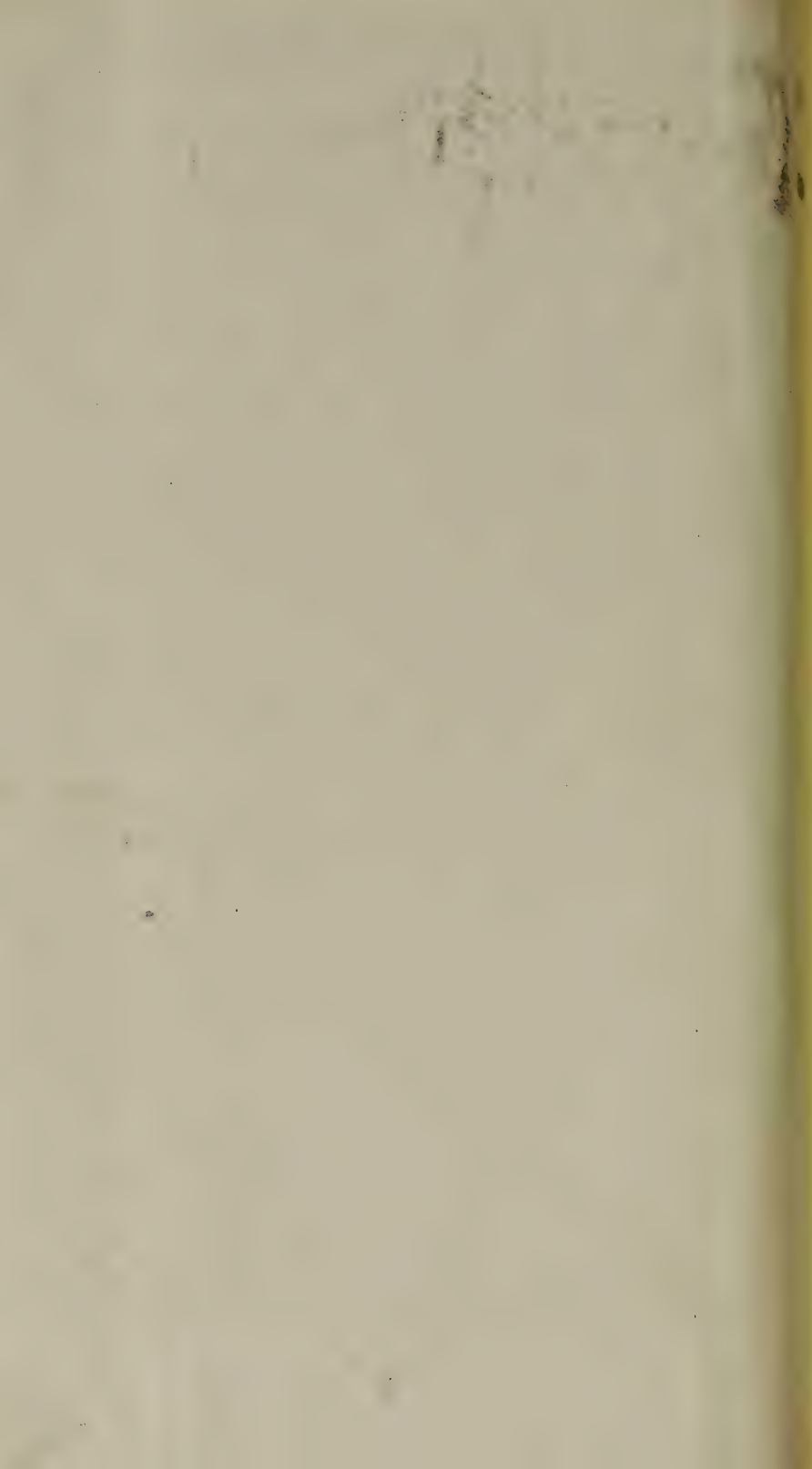


The necklace-bearing,

or *Black Italian*, Poplar.











Full-grown tree at Syon; 102 ft. high, diam. of the trunk  $4\frac{1}{2}$  ft., and of the head 96 ft.  
[Scale 1 in. to 12 ft.]





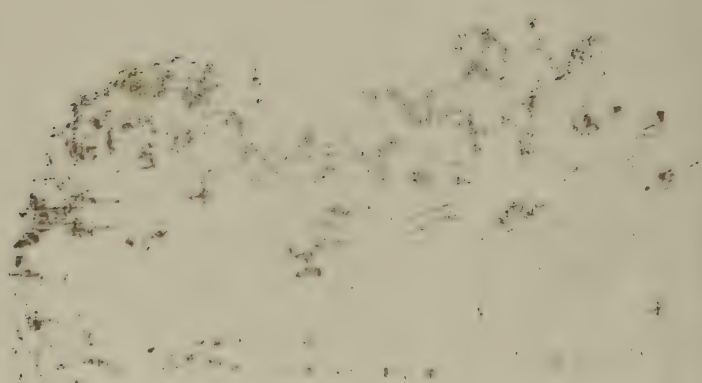
The fastigate-branched,

or Lombardy, Poplar.



29 ft. high, 6 in. diam.







30 ft. high, 1½ ft. diam.



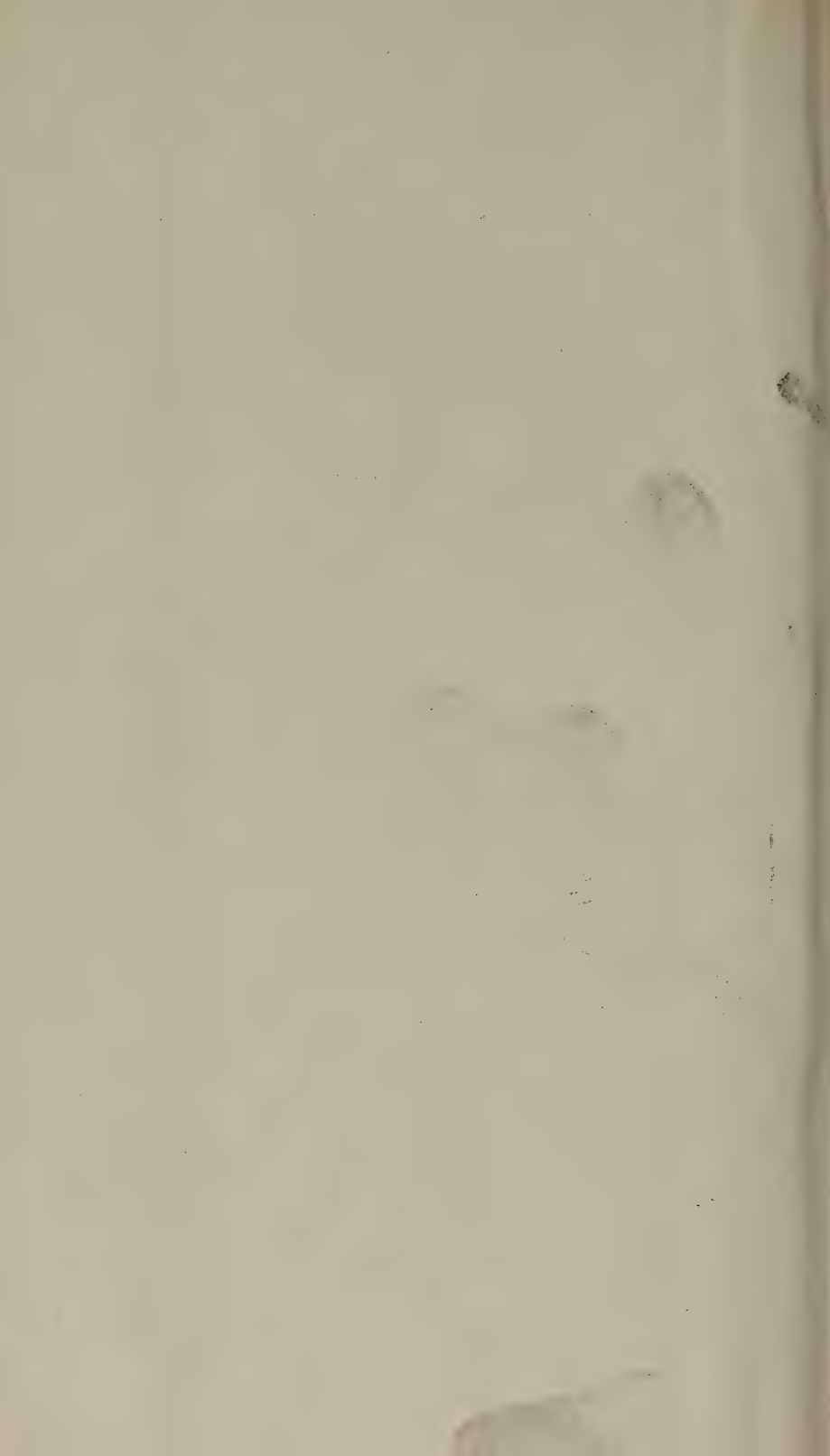


Full-grown tree at Syon ; 83 ft. high.  
[Scale 1 in. to 12 ft.]

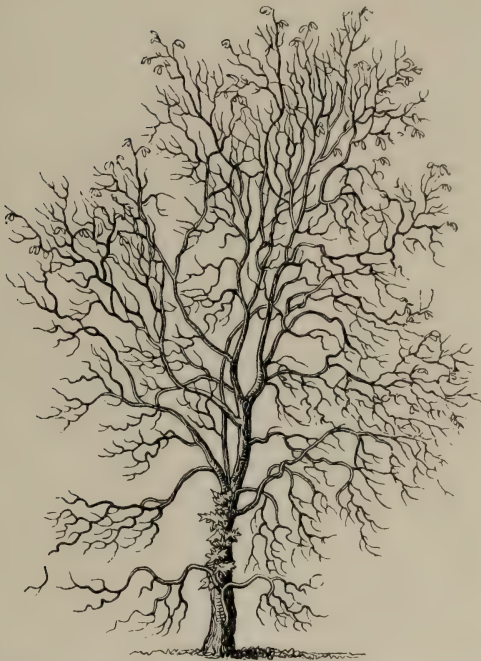








*Pópulus balsamífera.*  
The balsam-bearing Poplar.



Full-grown tree at Syon ; 40 ft. high, diam. of the trunk 3 ft., and of the head 30 ft.  
[Scale 1 in. to 12 ft.]







The whitish *heart-shaped-leaved*, or *Ontario*, Poplar.



27 ft. high, 7 in. diam.



The *common, or glutinous-leaved*, Alder.



21 ft. high, 5 in. diam.









22 ft. high, 4 1/2 in. diam.









Full-grown tree at Syon ; 63 ft. high  
[Scale 1 in. to 12 ft.]







The heart-shaped-leaved Alder.



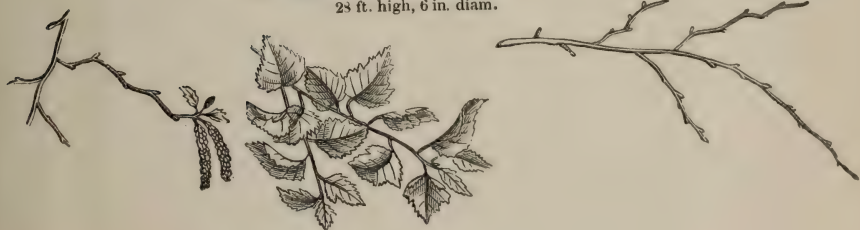
20 ft. high,  $5\frac{1}{2}$  in. diam.







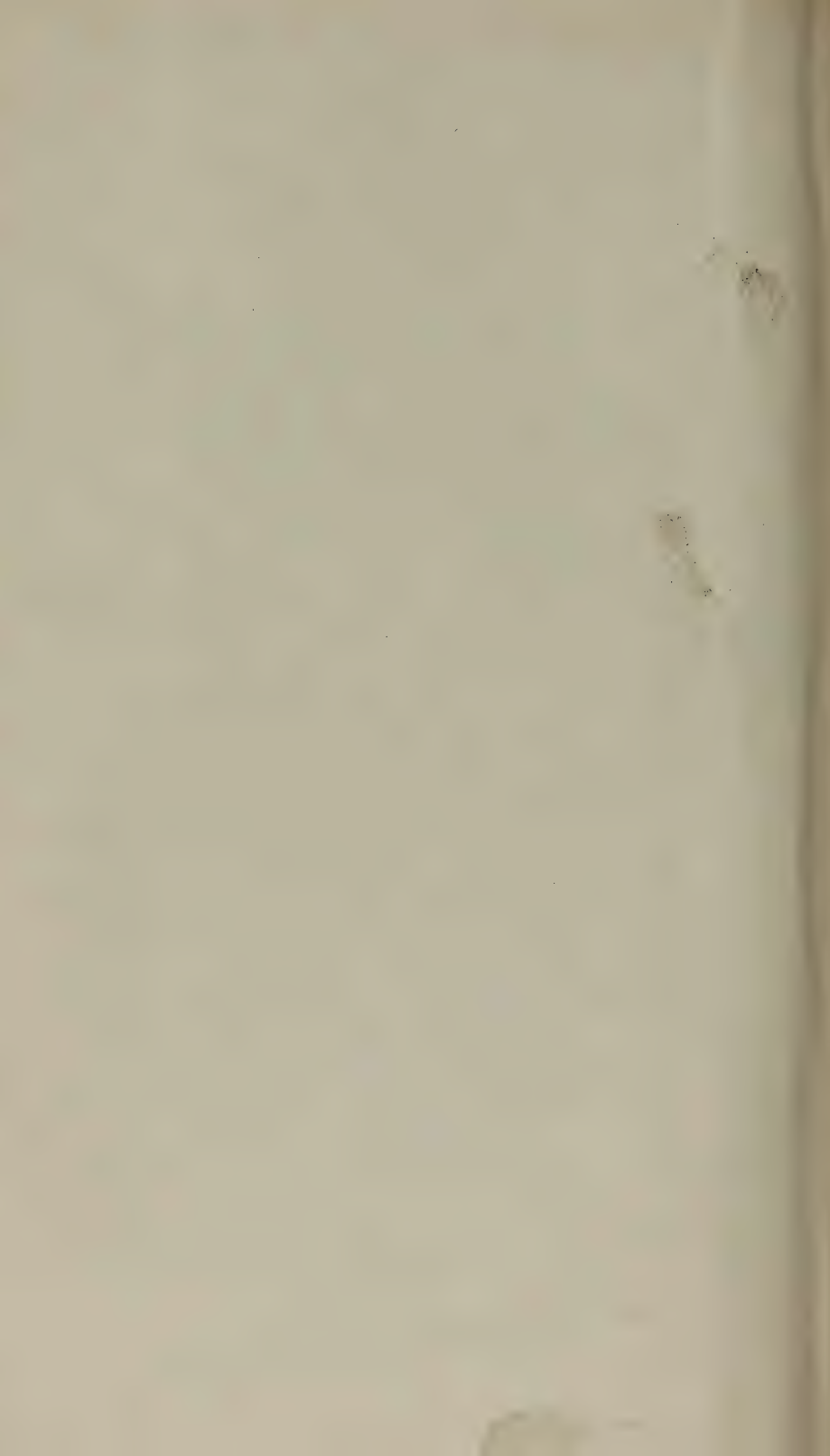
28 ft. high, 6 in. diam.









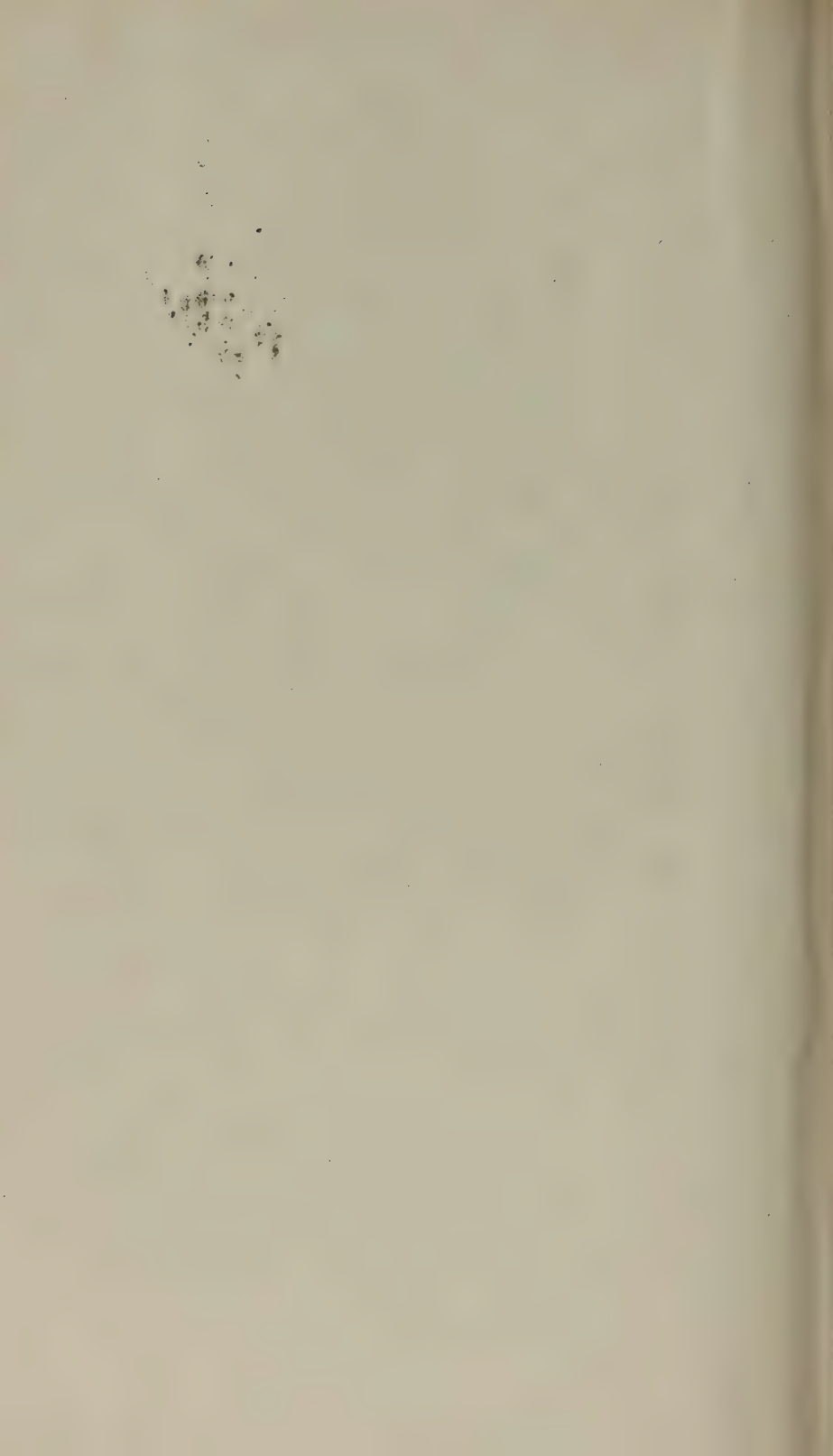




22 ft. high, 5 in. diam.









26 ft. high, diam. of the stems from 2 in. to 3 in.



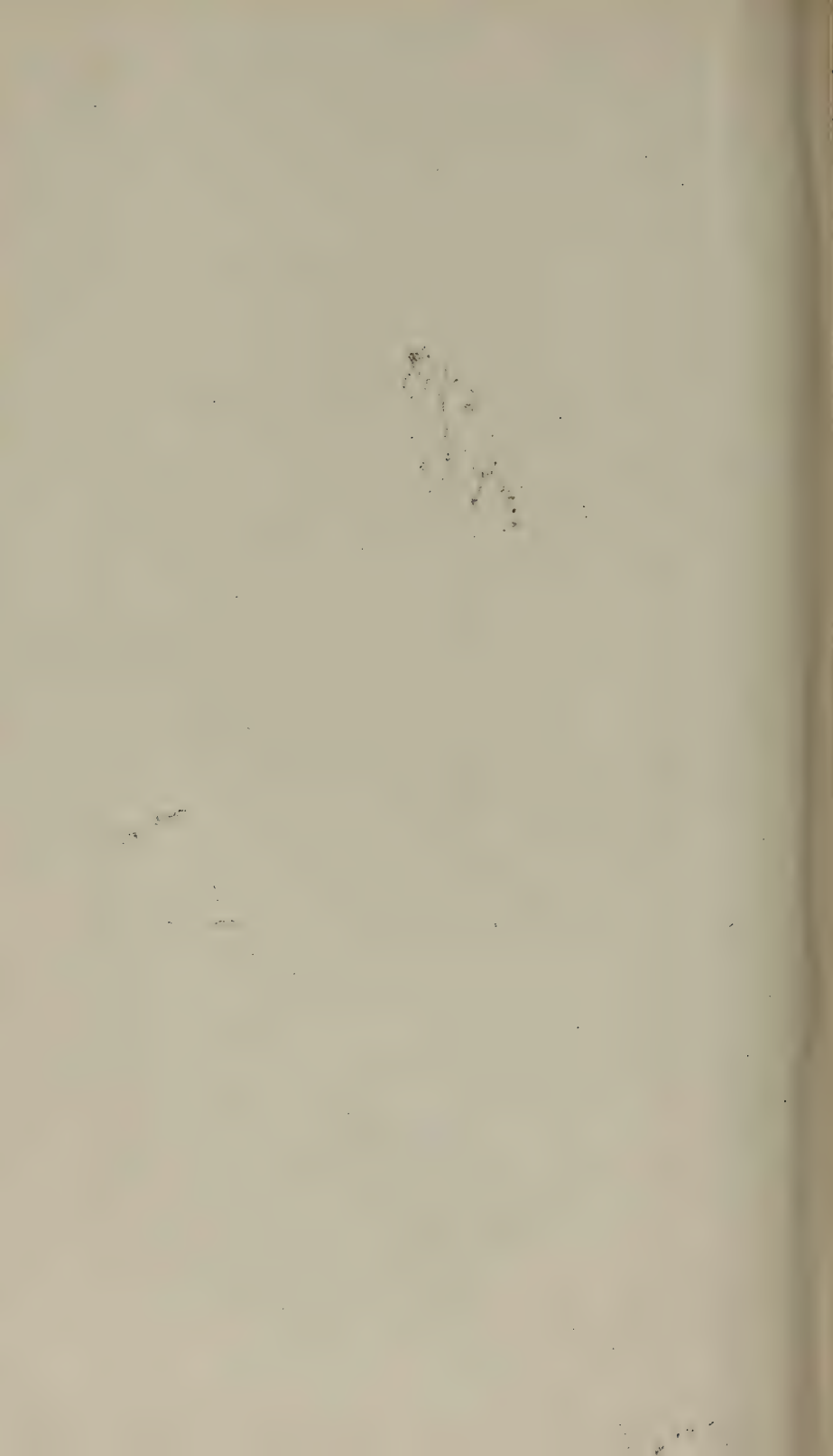
The black Birch.



Full-grown tree at Fulham Nursery ; 50 ft. high, diam. of the trunk 2 ft., and of the head 36 ft.  
[Scale 1 in. to 12 ft.]







The stalked-fruited *British Oak*.



19 ft. high, 7 in. diam.







Full-grown tree in Kensington Gardens; 67 ft. high, diam. of the trunk 6 ft., and of the head 47 ft.  
[Scale 1 in. to 12 ft.]







*Quercus pedunculata*.  
The pedunculate-fruited British Oak.



Full-grown tree at Studley ; 80 ft. high, diam. of the trunk 8 ft. 2 in., and of the head 91 ft.  
[Scale 1 in. to 30 ft.]





The upright-growing stalk-fruited Oak.



14 ft. high,  $1\frac{1}{2}$  in. diam.







The sessile-flowered *British Oak*.



18½ ft. high, 7½ in. diam

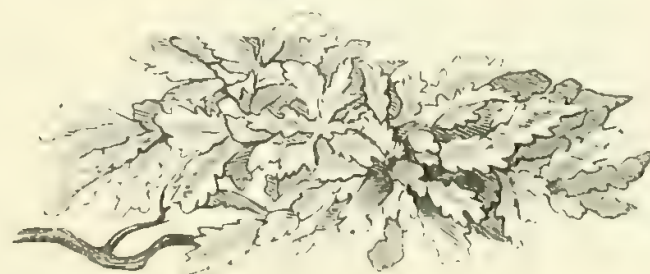








Full-grown tree at Woburn ; 72 ft. high, diam. of the trunk 8 ft., and of the head 90 ft.  
[Scale 1 in. to 12 ft.]







The sessile-flowered *British* Oak.



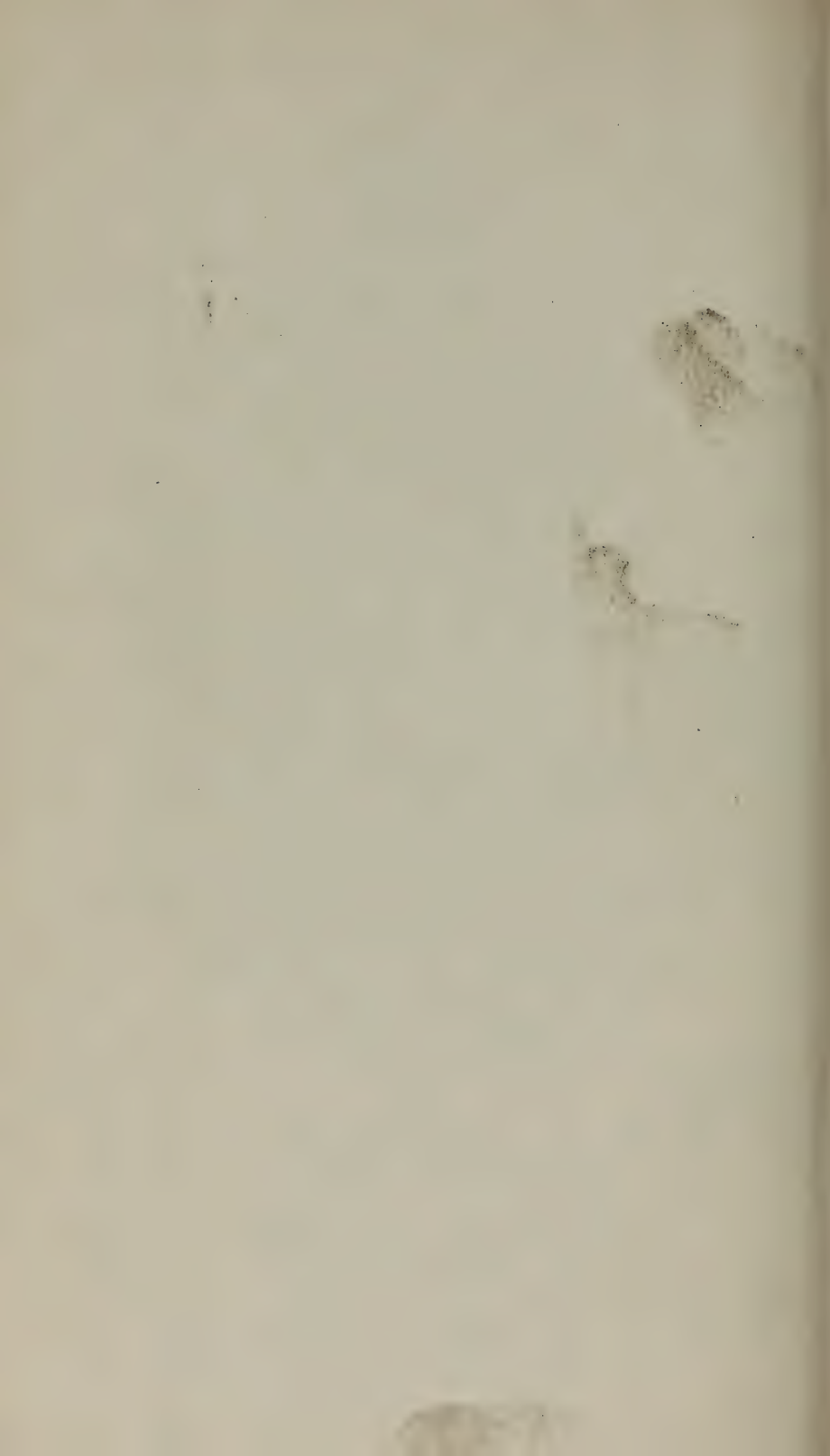
Full-grown tree at Studley Park ; 118 ft. high, diam. of the trunk 11 ft. 6 in., of head 96 ft.  
[Scale 1 in. to 30 ft.]



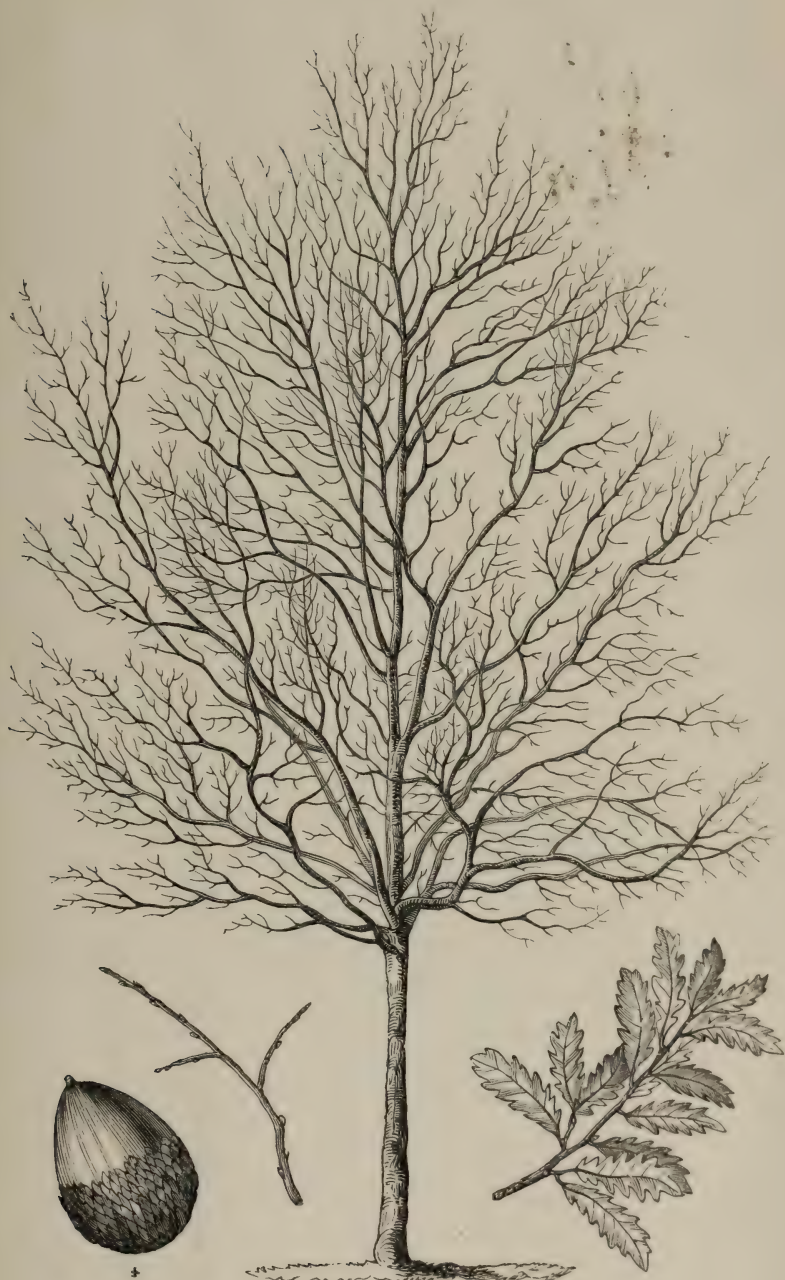








*Quercus Cérris.*  
The bitter, or *Turkey*, Oak.



26 ft. high, 9 in. diam.



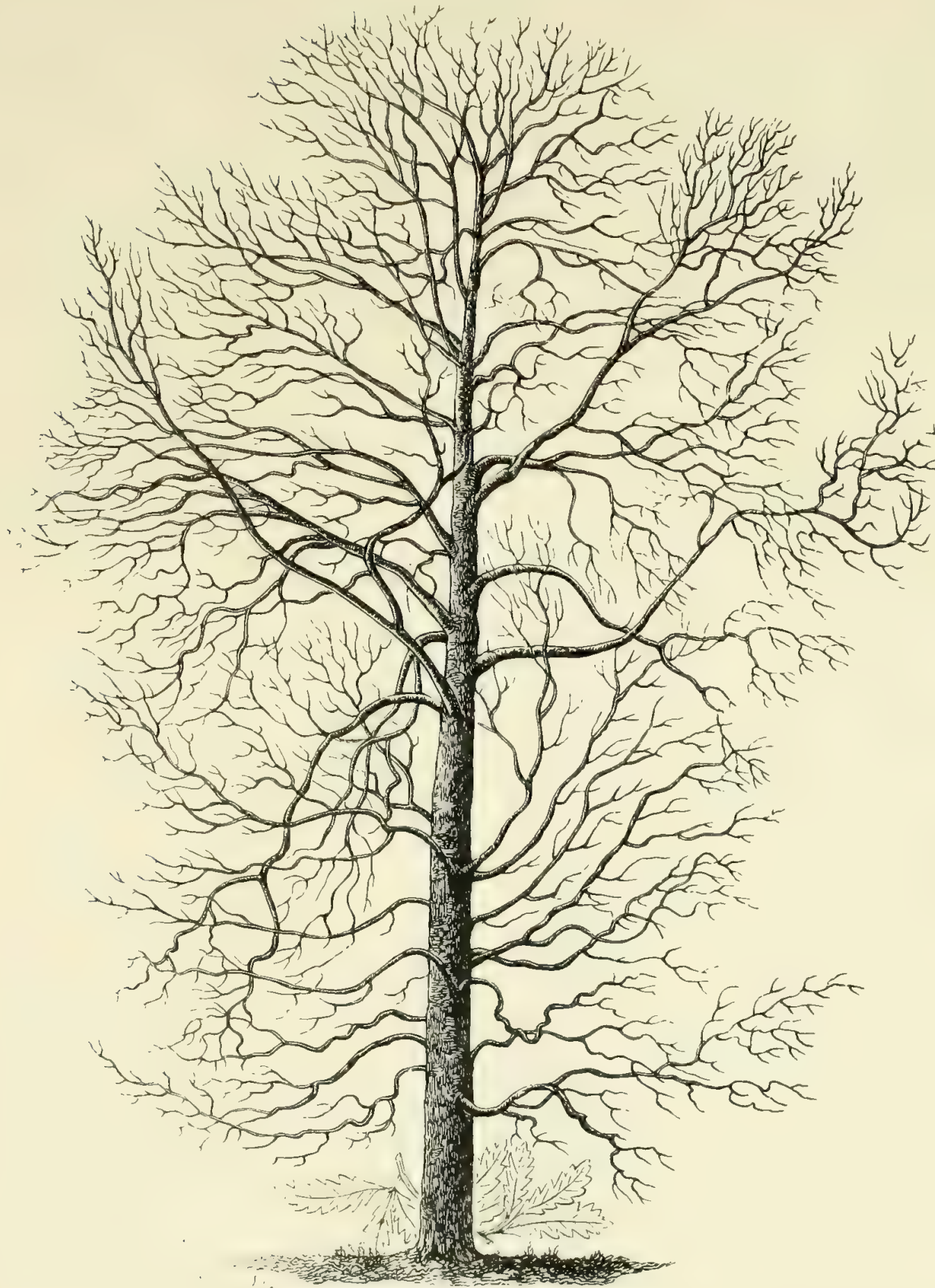




Full-grown tree at Syon ; 70 ft. high, diam. of the trunk 2 ft. 8 in., and of the head 73 ft  
[Scale 1 in. to 12 ft.]







Full-grown tree at Muswell Hill; 80 ft. high, diam. of the trunk  $4\frac{1}{2}$  ft., and of the head 65 ft.  
[Scale 1 in. to 12 ft.]



The Austrian Cerris Oak.







The tooth-leaved Turkey Oak, or the Fulham Oak.



16½ ft. high, 4 in. diam.







The Fulham Turkey Oak.



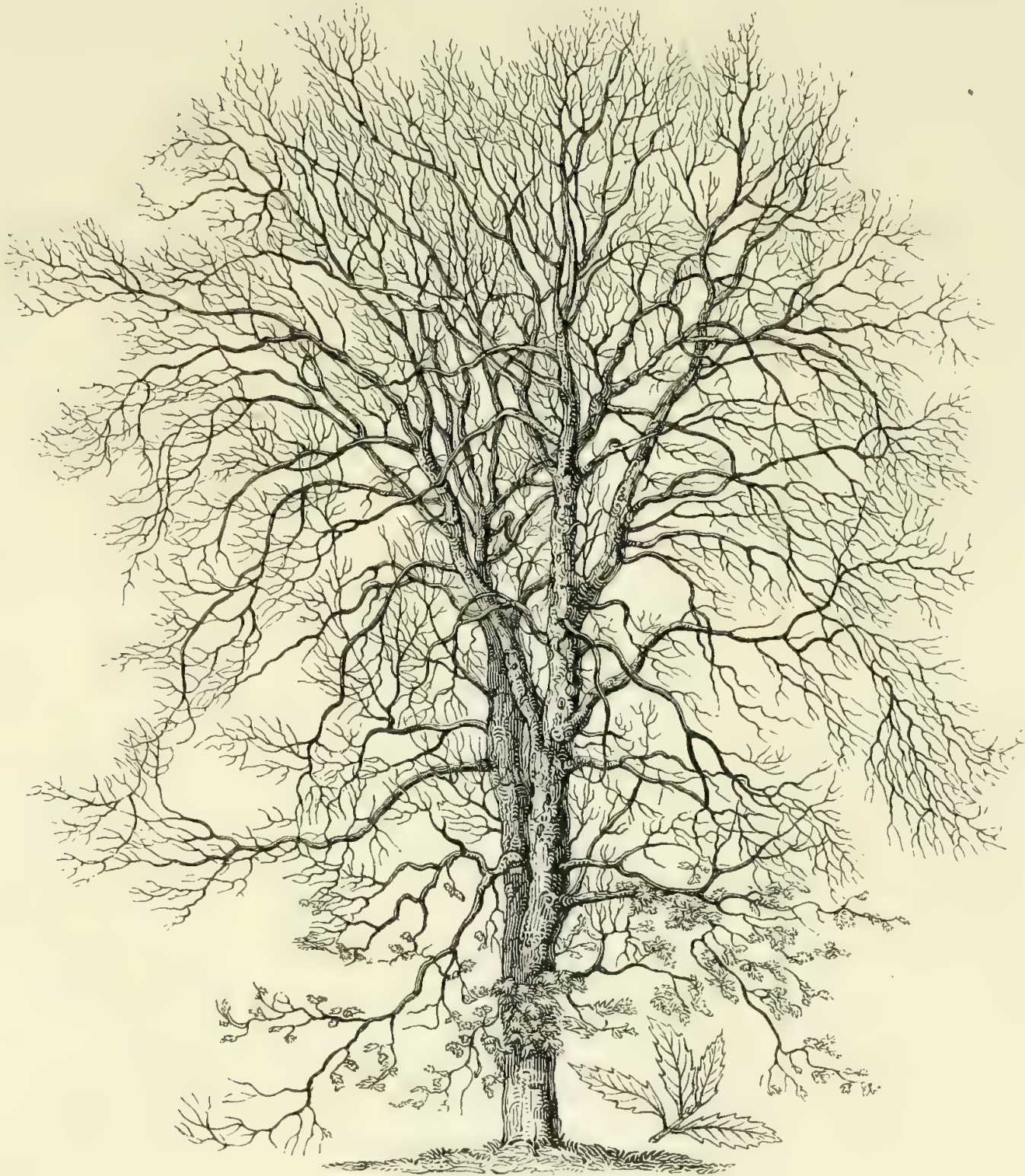
The original tree in the Fulham Nursery ; 75 ft. high, diam. of the trunk 3 ft. 10 in., and of the head 54 ft.  
[Scale 1 in. to 12 ft.]





*Quercus Cérri* *fulhamensis*.

The Fulham Turkey Oak.



The original tree in the Fulham Nursery ; 75 ft. high, diam. of the trunk 3 ft. 10 in., and of the head 54 ft.  
[Scale 1 in. to 12 ft.]



*Quercus Cérris Lucombeàna.*

The Lucombe Turkey Oak.

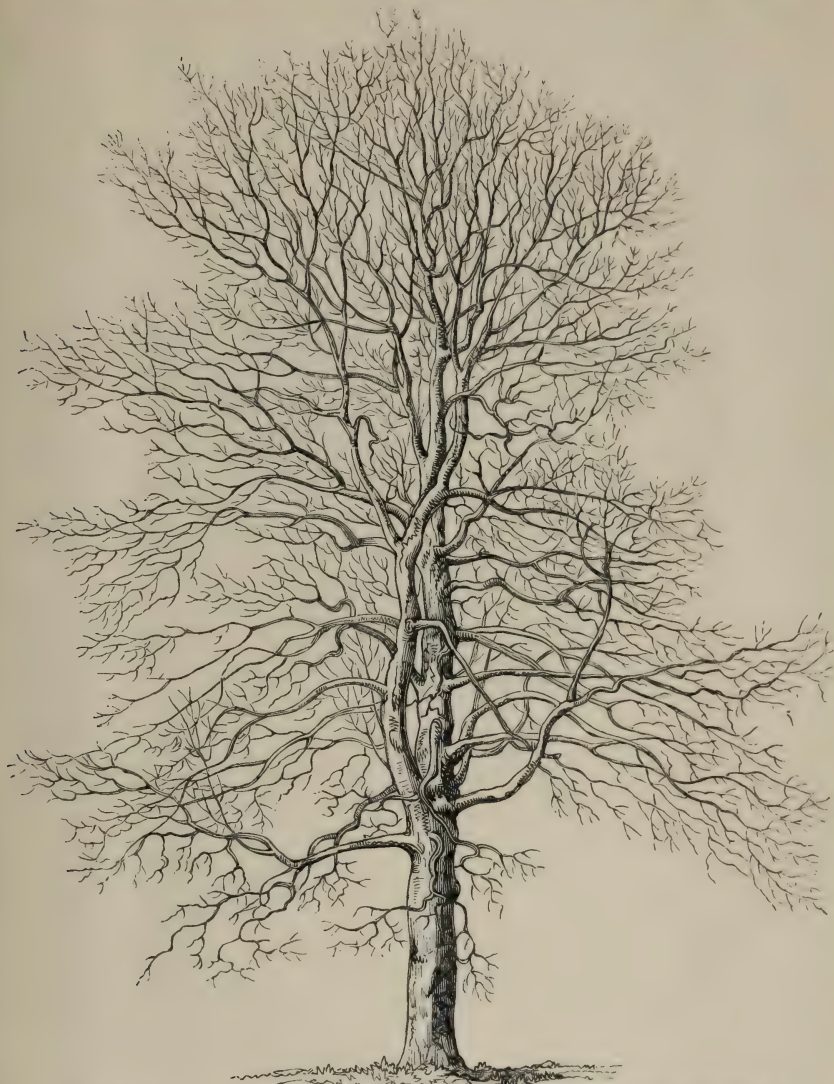


16 ft. high, 6 in. diam.









Full-grown tree in the Fulham Nursery; 63 ft. high, diam. of the trunk 4½ ft., and of the head 53 ft.  
[Scale 1 in. to 12 ft.]





*Quercus Ægilops.*  
The Ægilops, or Valonia, Oak.



12 ft. high, 3 in. diam.







*Quercus Ægilops.*  
The Ægilops, or Valonia, Oak.



Full-grown tree at Syon ; 24 ft. high, diam. of the trunk 18 in., and of the head 30 ft.  
[Scale 1 in. to 12 ft.]



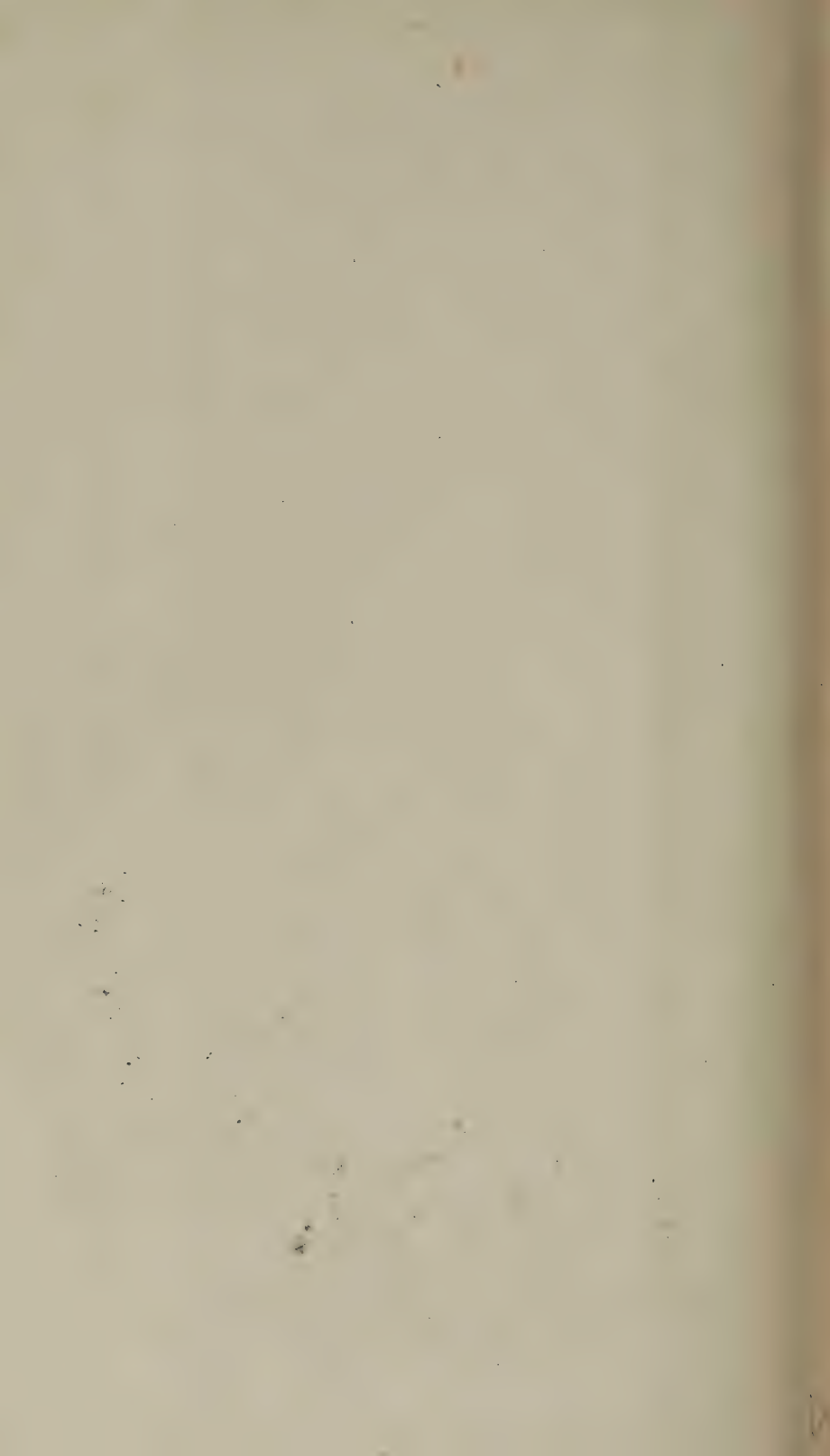


*Quercus álba.*

The American white Oak.











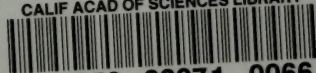








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